

ACIDIC PRECIPITATION IN ONTARIO STUDY

1983 DAILY PRECIPITATION CHEMISTRY LISTINGS

ATMOSPHERIC PROCESSES STUDIES UNIT AIR QUALITY AND METEOROLOGY SECTION AIR RESOURCES BRANCH 880 BAY STREET, TORONTO, ONTARIO CANADA M5S 1Z8

FEBRUARY, 1985

ARB-043-85-AQM API-004-85

A.P.I.O.S. COORDINATION OFFICE
ONTARIO MINISTRY OF THE ENVIRONMENT
6th FLOOR, 40 ST. CLAIR AVE. W.,
TORONTO, ONTARIO
CANADA, M4V 1P5
PROJECT COORDINATOR: DR. T.G. BRYDGES

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TD 195.54 .06 D351 1985 MOE

TD 195.54 1983 daily precipitation chemistry listings.

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ACKNOWLEDGEMENTS

This report was prepared by David Chung of the APIOS Atmospheric Deposition and Chemistry Program. However, the data themselves are a product of the combined efforts of many individuals. Precipitation samples were collected by a large number of site operators, whose names cannot be individually mentioned here, under the coordination of the APIOS environmental technicians Steve Elliott (in Southwestern Region), Dave Allcock (in Southeastern Region), Wim Smits (in Northwestern Region) and J.P. Varto (in Central Region). Sample handling was carried out by Dan Orr and Scott Kennedy, and overall network coordination by Bill Bardswick of the Air Resource Branch. Chemical Analyses were performed at the Laboratory Services and Applied Research Branch under the coordination of Frank Tomassini. All equiries regarding the reported data should be directed to Walter Chan, Coordinator, Atmospheric Deposition and Chemistry Program, at (416) 965-1634.

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	Station Name	Map Ref. No.	
	Balsam Lake Dorset Nithgrove Raven Lake	06 08 07 05	43 55 70 82
	SOUTHEASTERN REGION DA CHEMISTRY LISTINGS	ILY PRECIPITATION	
	Station Name	Map Ref. No.	
	Charleston Lake Railton Graham Lake Whitman Creek	11 10 12 09	94 103 112 124
PART VI	NORTHWESTERN REGION D CHEMISTRY LISTINGS	AILY PRECIPITATION	
	Station Name	Map Ref. No.	
	Fernberg Forbes Township Lac La Croix Quetico Centre	16 13 15 14	133 139 148 154

PART I

INTRODUCTION

INTRODUCTION

The data listed herein are a summary of the 1983 results acquired from the APIOS daily precipitation sampling network. All data presented in this report have been screened for validity. Remarks and qualifications have been appended to records, and/or results where necessary. screening procedure involved checking each record for chemical analysis integrity (e.g., ionic balance, observed vs. theoretical conductance). Gross limit checks were applied to the results. Upper limit were determined as M + 2S where median (M) and scale (S) represent robust estimates of mean and standard deviation respectively. Scale of the distributon was determined from interquartile distance, i.e. S=0.74 (3rd quartile - 1st quartile) based upon logarithmically transformed results. In a situation where the distribution is significantly bounded by reported detection limits, S may be estimated as follows, S=1.48 (3rd quartile - 2nd quartile). All lower gross limits were specified as zero. The data were also screened for outliers statistically by applying the Dixon Ratio test to the highest and lowest values observed in each region on a daily basis. Outliers were determined at the 95% level of confidence. Records and/or results deemed unreliable were flagged but not deleted. Detailed description of the validation procedures as applied to this data set is available from the Ministry upon request.

Station Identification

The station identification is defined by four descriptive fields (e.g. Dorset/Daily/Aerochem #08). The first field refers to the sampling location. The second and third fields describe the sampling interval and the instrumentation used respectively. The last numeric field refers to the index code utilized on the location map.

Daily Precipitation Chemistry Listings

Sample type, as coded in the data listings, represents the best guess of the type of event which was sampled. All chemical analyses were done on unfiltered samples. Lab pH entries represent pH measurements at the main MOE Laboratory in Toronto while field pH entries represent measurements at regional laboratories. Remark codes (e.g., U,A) appended to individual results are defined in a later section. The tabulated results for "Free H"

were calculated from the reported Lab pH. Total hydrogen results, reported as "Total H", represent a titration of the sample with NaOH to an end point pH of 8.3.

Calculation of Equivalent Precipitation Depth (mm)

Equivalent Precipitation Depth (mm) = $\frac{\text{Volume Collected (ml)} \times 15.6}{1000}$

Calculation of Observed Sampling Efficiency

% Efficiency = Equivalent Precipitation Depth (mm) x 100 %

Gauge Depth (mm)

If the sample collection efficiency is less than 50% or greater than 120%, and if any of the field comment codes which affect sample collection efficiency (i.e. "F", "G", "H", "I", "J", "L", "P", and "M") is appended to the sample record, then the sample collection efficiency is flagged as unreliable.

Field Comment Code Index

A - Insects in sample

B - Leaves in sample

C - Particulates in sample

D - Fibres in sample

E - Sample not submitted

F - Sampler malfunctioned

G - Sample spilled or leaked

H - Volume incorrect

I - Event(s) missed

J - Wet side open when not precipitating

K - No precipitation collected

L - Part of event missed

M - Dry side open when precipitating

P - Gauge depth incorrect

Q - Other

Office Comment Code Index

- C Poor calculated vs. observed conductance comparison
- J ΔpH Large
- H Poor calculated vs. observed pH comparison
- M Poor ionic balance
- N Abnormal sample collection efficiency
- T Free H+ exceeds total H+

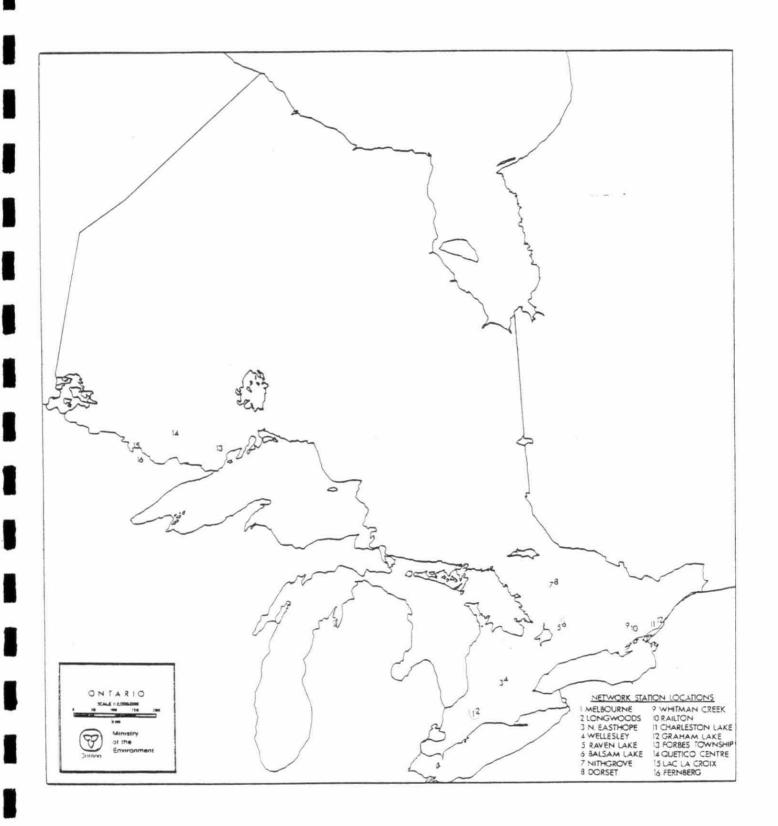
- Y Collected sample remained in sampler in excess of 24 hours with event(s) only occurred in the first 24 hours
 - Y2 Sampling period eugals to two days
 - Y3 Sampling period equals to three days
 - Y4 Sampling period equals to four days
 - Y5 Sampling period equals to five days
- Z Non-standard collection period with one or more events collected after 24 hours

Result Remark Code Index

- > actual results greater than value reported
- < actual result less than value reported
- T actual result less than criterion of detection
- W no response, minimum possible results reported
- A approximate value
- U unreliable result
- G exceedance of Gross Limit Checks
- D outlier of Dixon Ratio Test
- B exceedance of Gross Limit Checks and Outlier of Dixon Ratio Tests

PART II

STATION DESCRIPTION AND LOCATION MAP



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APIOS DAILY PRECIPITATION AND AIR MONITORING NETWORK SITE LOCATIONS *

AREA	MOE REGION	STATION NAME	ELEVATION	LATITUDE	LONGITUDE	UTM CO	ORDINATES
			(m above MSL)	(North)	(West)	(Northing)	(Easting)
London	Southwestern	Longwoods Conservations Area*	239	42053'02"	8102815011	4747600	460700
		Melbourne	213	42047115"	81033'23"	4737100	454500
		North Easthope	375	43024'21"	8005313511	4805650	508650
		Wellesley	344	43028113"	8004513511	4812700	519600
Dorset	Central	Dorset Laboratory*	320	45013123"	7805514911	5009600	662450
		Nithgrove	325	45012'01"	79004'14"	5006800	651600
		Balsam Lake Provincial Park	259	4403713511	78051'22"	4943500	670170
		Raven Lake	274	4403614011	780 54 43"	4941550	665700
Kingston	Southeastern	Charleston Lake Provincial Park*	92	4402915411	7600213011	4927500	417150
		Graham Lake	130	4403512211	7505114411	4937450	431550
		Railton	156	44022'34"	76035'33"	4914700	373200
		Whitman Creek	137	44029'07"	76049119"	4927200	355100
Thunder Bay	Northwestern	Fernberg*	506	47056'51"	9102926"	5311000	612000
		Lac La Croix	368	48021114"	9201213211	5355900	558400
	#	Forbes Township	324	4803415811	89038'56"	5384150	304800
		Quetico Centre	420	4802414411	91012'08"	5399750	632100

^{*} All sites monitor precipitation concentrations. Sites labelled (*) also monitor air concentrations.

PART III

SOUTHWESTERN REGION

DAILY PRECIPITATION CHEMISTRY LISTINGS

STATION NAME : LONGWOODS/DAILY/AEROCHEM

#02

PAGE: 1

	MOVAL		POSURE		PLING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
1	DATE	1	DATE	STAR	T/END	STAR	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
				HR.	HR.	HR.	HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
								02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
							03-	-COMP/04-0	THER							
JAN	7,83	JAN	6,83	800	900	****	***	1	1.5	2	17492	2	1	100	CD	
JAN	11,83	JAN	10,83	600	815	1600	1900	1	17.3	2	17495	2	1	101		
JAN	12,83	JAN	11,83	815	900	***	***	3	4.7	2	17498	2	1	55	C	
JAN	13,83	JAN	12,83	900	900	900	1800	2	1.1	2	17501	2	1	***	EFK	
JAN	15,83	JAN	14,83	800	900	1800	2300	3	6.3	2	17504	2	1	44	CD	NH
	17,83		16,83	800			****	2	0.7	2	17510	2	1	***	EK	
	19,83		17,83		1000		600	2	3.7	2	17513	2	ī	****	EK	Y2
	23,83		22,83	800			****	1	1.7	2	17516	2	î	U 11	CL	N
	24,83		23,83	900			1900	3	0.7	2	17519	2	1	U 64	CLD	
	25,83		24,83		1000		****	3	1.8	2	17522	2	1	U 38		
								3							CL	N
	31,83		30,83	800			1200	100	3.5	2	17525	2	1	116	С	
	2,83				1230		****	1	8.7	2	17528	2	1	73	_	
FEB		FEB			1000	1230		1	2.9	2	17531	2	1	112	C	
FEB		FEB	3,83		1000		1000	2	2.7	2	17534	2	1	***	EKI	
FEB	5,83	FEB	4,83	1000			1600	2	2.1	2	17537	2	1	***	EIK	
FEB	7,83	FEB	6,83	800	900	1800	900	2	6.5	2	17540	2	1	****	EIK	
FEB		FEB		900	1000	900	1500	2	0.7	2	17543	2	1	***	EIK	
FEB	17,83	FEB	16,83	800	900	2100	900	3	1.3	2	17546	2	1	96	CD	
FEB	19,83	FEB	18,83	800	1000	400	600	2	0.3	2	17549	2	1	****	EIK	
FEB	22,83	FEB	21,83	800	800	500	630	1	****	2	17552	2	1	****	C	
FEB	23,83	FEB	22,83	800	900	1500	100	1	10.1	2	17555	2	1	102	С	
FEB	24,83	FEB	23,83	900	1000	****	****	1	0.5	2	17558	2	1	****	EIK	
	7,83	MAR		800		2200	530	1	1.1	2	17561	2	ī	153	C	N
MAR		MAR			1030	1900	430	1	1.5	2	17564	2	1	140	C	N
MAR		MAR		1030			2200	1	2.5	2	17567	2	î	117	C	
	10,83			900		400		1	0.5	2	17570	2	î	37		N
	19,83		18,83	800	800	1900		î	4.3	2	17573	2	1	69	С	14
	20,83			800			1200	3	8.1		17576					1114
										2		2	1	85	C	НМ
	21,83				1030		1030	3	6.3	2	17579	2	1	****	EFIK	
	22,83				1000		1000	2	4.3	2	17582	2	1	****	EFIK	
The state of the s	23,83				1030	1030		2	0.7	2	17585	2	1	****	EFIK	
			26,83	800			****	3	6.8	2	17588	2	1	36		N
	3,83	APR		800	900		2300	1	3.6	2	17594	2	1	122	C	N
APR		APR	3,83	900	900	****	***	1	1.3	2	17597	2	1	108	D	
APR	7,83	APR	6,83	800	900	1000	830	1	10.9	2	17600	2	1	95	C	
APR	10,83	APR	9,83	800	800	1900	100	1	29.7	2	17603	2	1	100		
APR	11,83	APR	10,83	800	900	****	****	1	1.1	2	17606	2	1	93	C	
APR	14,83	APR	13,83	800	900	2300	900	1	10.6	1	17609	2	1	101	CD	
APR	15,83	APR	14,83	900	900	900	1700	1	11.2	1	17612	2	1	100	С	
APR	17,83	APR	16,83	800	800	****	****	2	2.2	2	17615	2	1	***	EFIK	
-	** XEE	705555			1000000			2. 5 0.		177		1000				

1

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	STATI	он н	AME :	LONGWOODS/DAILY/A	EROC	CHEM	#02						Р	AGE : 2		
RE	MOVAL	EXI	POSURE	VOLUME		CONDUCT.		PH		PH		TOTAL H	+	SULPHATI	E	NITRATE
	DATE	1	DATE	www				FIELD		LAB		TO PH8.	3	200 00		AS N
				ML		UMHO/CM						MG/L		MG/L		MG/L
JAN	7,83	JAN	6,83	97.0		*****		*****		4.14		0.1088		4.05		1.88
JAN	11,83	JAN	10,83	1122.0		24.5		4.31		4.29		0.0760		2.30		0.29
JAN	12,83	JAN	11,83	168.0		21.7		****		4.50		0.0574		2.40		0.50
JAN	13,83	JAN	12,83	*****		*****		****		*****		*****		*****		****
JAN	15,83	JAN	14,83	178.0	U	91.5		3.81	U	3.87		0.1852		5.20	U	2.20
JAN	17,83	JAN	16,83	****		*****		****		*****		*****		*****		****
JAN	19,83	JAN	17,83	*****		*****		*****		*****		*****		*****		*****
JAN	23,83	JAN	22,83	13.0		****		****		*****		*****		*****		*****
JAN	24,83	JAN	23,83	29.0		*****		*****		3.86	G	0.2100		*****		*****
JAN	25,83	JAN	24,83	44.0		*****		*****	U	3.98		0.1946	U	11.45		2.10
JAN	31,83	JAN	30,83	262.0		37.3		4.10		4.06		0.1162		3.40		0.56
FEB		FEB		408.0		26.6		4.25		4.26		0.0826		2.50		0.31
FEB		FEB		210.0		57.0		3.92		3.89		0.1644		3.50		1.08
FEB	4,83	FEB	3,83	*****		*****		*****		*****	*	*****		*****		*****
FEB	1000	FEB		*****		*****		****		*****		*****		*****		*****
FEB		FEB		*****		*****		****		*****		*****		*****		*****
FEB		FEB		****		新茶茶茶茶		****		****		*****		*****		*****
	17,83		16,83	80.0		*****		****	U	3.48	G	0.3520		8.00	U	
	19,83		18,83	*****		*****		****		*****	12	*****		*****		*****
	22,83		21,83	10.0		*****		****		*****		*****		****	(e)	*****
	23,83		22,83	666.0	U	101.8		3.62		3.64	G	0.2698		8.05		1.40
	24,83		23,83	****		*****		*****		*****		****		*****		*****
MAR		MAR		108.0		*****		*****	D	4.73		0.0388		2.40		0.38
MAR		MAR		135.0		38.2		*****		4.31		0.0784		4.30		1.19
MAR		MAR		188.0		60.0		3.98		3.90		0.1456		4.25		1.21
	10,83	MAR		12.0		****		****		*****		****		****		*****
	19,83		18,83	191.0		17.6		****		4.99		0.0354		2.25		0.47
	20,83		19,83	443.0	D	15.6		*****		4.61		0.0472		1.65		0.21
	21,83		20,83	*****		*****		*****		*****		*****		*****		*****
	22,83		21,83	*****		*****		****		*****		*****		****		*****
	23,83		22,83	*****		*****		****		*****		****		*****		****
	27,83		26,83	161.0		21.7		*****		4.51		0.1572		2.10		0.32
_APR		APR		283.0		35.9		4.25		4.29		0.0798		4.80		0.71
-APR		APR		90.0		*****		*****		4.13		0.1052		3.25		0.61
APR		APR		665.0		55.8		4.03		4.01	G	0.2720		4.50		0.89
	10,83	APR		1905.0		22.1	D	4.44		4.42		0.0584		1.80		0.30
	11,83		10,83	66.0		*****		*****		*****		*****		4.15		0.94
	14,83		13,83	689.0		43.1		4.03		4.15		0.1012		3.70		0.57
	15,83		14,83	725.0		27.3		4.35		4.37		0.0654		2.95		0.31
APR	17,83	APR	16,83	*****		*****		*****		*****		****		*****		*****

APR 17,83 APR 16,83

STATION NAME : LONGWOODS/DAILY/AEROCHEM #02 PAGE: 3 AMMONTUM REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 7,83 JAN 6,83 2.02 0.48 U 0.320 0.090 0.125 0.750 0.0724 JAN 11,83 JAN 10,83 0.11 0.13 0.020 0.035 0.015 0.168 0.0513 JAN 12,83 0.060 0.080 0.075 0.720 0.0316 JAN 11,83 0.28 0.48 JAN 13,83 JAN 12,83 ***** ***** ***** ***** ***** ***** ***** JAN 15,83 JAN 14,83 U 1.97 1.00 U 0.430 0.080 0.515 1.010 U 0.1349 JAN 17,83 JAN 16,83 **** ***** ***** ***** ***** ***** ***** JAN 19,83 JAN 17,83 **** **** ***** **** ***** ***** ***** JAN 23,83 JAN 22,83 ***** ***** ***** ***** ***** ***** ***** JAN 24,83 JAN 23,83 ***** ***** ***** ***** ***** ***** 0.1380 JAN 25,83 JAN 24,83 ***** 1.24 ***** ***** ***** ***** U 0.1047 0.18 0.040 0.040 0.035 0.420 0.0871 JAN 31,83 JAN 30,83 0.15 FEB 2,83 FEB 1,83 0.08 0.12 0.030 0.020 0.055 0.256 0.0550 3,83 FEB 2,83 0.59 0.090 0.095 0.135 0.228 0.1288 FEB 0.32 4,83 FEB ***** **** ***** ***** ***** ***** ***** FEB 3,83 FFB 5,83 FEB 4,83 ***** **** ***** ***** ***** ***** **** **** ***** FEB 7,83 FEB 6,83 **** ***** **** ***** ***** 8,83 FEB 7,83 ***** **** ***** ***** ***** ***** **** FEB FEB 17,83 FEB 16,83 ***** 1.30 ***** ***** ***** ***** U 0.3311 FEB 19,83 FEB 18,83 ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** FEB 22,83 FEB 21,83 ***** ***** ***** ***** FEB 23,83 FEB 22,83 0.27 0.64 0.055 0.050 0.205 0.730 0.2291 FEB 24,83 FEB 23,83 ***** ***** ***** ***** **** ***** ***** MAR 7,83 MAR 6,83 1.03 0.36 0.150 0.100 0.185 ***** D 0.0186 MAR 8,83 MAR 7,83 1.68 0.53 0.200 0.115 0.260 ***** 0.0490 MAR 9,83 MAR 8,83 0.32 0.28 0.050 0.035 0.070 0.690 0.1259 MAR 10,83 MAR 9,83 ***** ***** ***** **** ***** ***** ***** MAR 19,83 MAR 18,83 0.38 0.160 0.148 0.81 0.120 0.215 0.0102 MAR 20,83 MAR 19,83 0.29 0.80 0.045 0.040 0.030 0.120 0.0245 ***** ***** ***** ***** ***** MAR 21,83 MAR 20,83 ***** ***** MAR 22,83 MAR 21,83 ***** ***** ***** ***** ***** ***** ***** MAR 23,83 MAR 22,83 ***** **** ***** ***** ***** ***** ***** MAR 27,83 MAR 26,83 0.070 0.43 0.26 0.160 0.170 0.230 0.0309 APR 3,83 APR 2,83 1.22 0.32 U 0.260 0.110 0.140 0.264 0.0513 0.18 0.040 0.050 ***** APR 4,83 APR 3,83 0.03 0.060 0.0741 APR 7,83 APR 6,83 0.35 0.21 0.040 0.050 0.050 0.380 0.0977 APR 10,83 APR 0.06 0.020 0.030 0.030 0.086 9,83 0.14 0.0380 APR 11,83 APR 10,83 0.46 0.35 0.080 0.210 0.310 ***** **** APR 14,83 APR 13,83 0.34 0.20 0.030 0.085 0.035 0.228 0.0708 APR 15,83 APR 14,83 0.32 0.17 0.050 0.040 0.060 0.214 0.0427

L

SEP 21,83 SEP 20,83

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800

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STATION NAME : LONGWOODS/DAILY/AEROCHEM #02 PAGE: 4 REMOVAL **EXPOSURE** SAMPLING PRECIP SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- FIELD OFFICE HR. HR. 01-RAIN HR. HR. 01-STD. 02-APIOS 01-MOE ENCY 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER APR 18,83 APR 17,83 800 800 **** **** 3 4.6 2 17618 2 1 38 D N APR 29,83 APR 28,83 745 800 810 1400 13.0 2 17621 2 101 C JH 1,83 APR 30,83 800 900 830 1600 18.6 AC 17624 2 104 1 2,83 MAY 900 1.83 900 1430 100 21.8 1 17627 2 1 99 C 3,83 MAY 2,83 900 900 1400 1630 25.6 1 17630 2 98 C 1 MAY 4,83 MAY 3,83 900 900 1030 2300 7.4 1 17633 98 C 5.83 MAY 900 1030 MAY 4,83 1830 1930 2.0 17636 1 2 86 C H MAY 8,83 MAY 7,83 800 900 1800 2400 13.0 1 17639 2 94 D MAY 15,83 MAY 14,83 800 1000 **** **** 5.9 1 17642 90 CD MAY 20,83 MAY 19,83 800 1100 119 920 2230 30.6 1 17645 2 BC HM MAY 23,83 MAY 22,83 800 900 830 1030 9.2 1 17648 2 98 1 900 1030 MAY 24,83 MAY 23,83 **** **** 1.4 1 17651 2 86 C MAY 26,83 MAY 25,83 800 930 1000 1730 4.8 1 17654 2 78 G MAY 30,83 MAY 29,83 800 930 1000 1200 15.2 1 17657 2 104 JUN 1,83 MAY 31,83 800 930 1130 2200 10.0 17660 2 99 C н JUN 4,83 JUN 3,83 800 900 1600 2400 14.0 17663 96 1 2 1 JUN 6,83 JUN 5,83 800 1000 2300 1000 8.6 1 17666 2 1 98 JUN 7,83 JUN 6,83 1000 900 1000 1200 1.2 17669 2 26 1 C JUN 10,83 JUN 9,83 800 800 500 630 2.4 17673 CD 1 2 94 JUN 28,83 JUN 27,83 800 1000 1500 1000 1 20.0 1 17676 2 91 ACG JUN 29,83 JUN 28,83 1000 1000 1.4 17679 63 C **** **** 2 JUL 1,83 JUN 30,83 800 1600 3.0 1700 1830 1 17682 2 1 84 JUL 5,83 JUL 4,83 800 1030 1500 1630 1 18.7 1 17685 2 1 102 JUL 18,83 JUL 17,83 800 930 10.4 1330 1800 17688 101 C JUL 26,83 JUL 20,83 800 1300 1500 1800 6.0 1 17691 2 97 CD Y6 JUL 30,83 JUL 29,83 800 1200 1000 300 1 25.0 1 17694 2 141 N JUL 31,83 JUL 30,83 1200 1100 2300 100 9.3 17697 105 C AUG 1,83 JUL 31,83 1100 1130 115 230 25.0 1 17700 2 105 4,83 AUG 3,83 800 800 **** **** 21.4 1 17703 2 100 AUG 9,83 AUG 8,83 800 800 1800 2200 19.4 17706 94 AC AUG 11,83 AUG 10,83 800 1130 530 1130 43.6 17709 1 2 100 C AUG 12,83 AUG 11,83 1130 1200 1130 1400 1.1 1 17712 2 66 AUG 22,83 AUG 21,83 800 800 400 500 2.0 17722 2 74 C SEP 2,83 AUG 30,83 800 800 长长长体 长长长长 19.2 17725 1 1 2 1 92 **Y3** SEP 7,83 SEP 6,83 800 830 830 2100 1 3.0 1 17720 2 1 71 C **** **** SEP 12,83 SEP 11,83 800 900 1.7 17718 2 14 SEP 16,83 SEP 15,83 800 800 600 800 1 11.2 1 17734 2 100 SEP 17,83 SEP 16,83 800 900 800 1700 1 15.2 1 17732 2 97 1 SEP 19,83 SEP 18,83 800 800 200 500 3.0 75 1 17717 2 1

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STATI	ON NAME :	LONGWOODS/DAILY/A	EROCHEM	#02				PAGE: 5	
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH		PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	1	LAB	TO PH8.3		AS N
		ML	UMHO/CM			¥	MG/L	MG/L	MG/L
APR 18,83	APR 17,83	114.0	****	*****		4.41	0.0752	1.65	0.70
APR 29,83	APR 28,83	848.0	16.6	4.69	G !	5.53	0.0238	3.00	0.34
MAY 1,83	APR 30,83	1247.0	21.4	4.21		4.45	0.0618	2.05	0.33
MAY 2,83	MAY 1,83	1395.0	24.5	4.19		4.41	0.0628	2.35	0.22
MAY 3,83	MAY 2,83	1613.0	20.9	4.43		4.67	0.0440	2.65	0.36
MAY 4,83	MAY 3,83	468.0	27.5	4.13		4.27	0.0768	3.00	0.18
MAY 5,83	MAY 4,83	111.0	****	*****		5.53	0.0330	4.80	1.44
MAY 8,83	MAY 7,83		16.8	4.44		4.86	0.0390	2.70	0.20
MAY 15,83	MAY 14,83	341.0	12.8	4.58	n!	5.08	0.0292	1.95	0.21
MAY 20,83	MAY 19,83	2348.0	22.1	4.18		4.44	0.0644	2.45	0.14
MAY 23,83	MAY 22,83	581.0	33.8	4.07		4.26	0.0908	3.15	0.35
MAY 24,83	MAY 23,83	78.0	*****	*****		***	*****	3.55	0.56
MAY 26,83	MAY 25,83	242.0	40.4	3.97		4.17	0.1022	3.70	0.46
MAY 30,83	MAY 29,83	1023.0	39.4	4.01		4.14	0.1066	3.40	0.36
JUN 1,83	MAY 31,83	635.0	19.4	4.47		4.68	0.0478	2.45	0.41
JUN 4,83	JUN 3,83	869.0	53.8	3.82	3	3.98	0.1368	4.50	0.64
JUN 6,83	JUN 5,83	541.0	9.9	4.59		5.01	0.0304	1.10	0.18
JUN 7,83	JUN 6,83	20.0	*****	*****	G	6.34	0.0178	*****	*****
JUN 10,83	JUN 9,83	146.0	****	*****		4.17	0.1066	5.80	0.93
JUN 28,83	JUN 27,83	1179.0	67.0	3.94		4.09	0.1328	9.25	0.85
JUN 29,83	JUN 28,83	57.0	*****	*****		7.06	0.0138	0.75	0.07
JUL 1,83	JUN 30,83	162.0	*****	*****		3.88	0.2120	8.05	0.88
JUL 5,83	JUL 4,83	1233.0	13.2	4.48		4.83	0.0386	1.55	0.16
JUL 18,83	JUL 17,83	674.0	19.5	U 5.75		6.78	0.0206	3.50	0.63
JUL 26,83	JUL 20,83	376.0	20.0	4.79		4.88	0.0392	3.20	0.69
JUL 30,83	JUL 29,83	2260.0	35.5	4.13		4.22	0.0842	3.75	0.48
JUL 31,,83	JUL 30,83	631.0	47.3	3.96		4.13	0.1044	5.10	D 0.64
AUG 1,83	JUL 31,83	1693.0	D 29.0	4.25		4.35	0.0668	3.55	D 0.33
AUG 4,83	AUG 3,83	1381.0	34.5	4.08		4.21	0.0844	3.45	0.38
AUG 9,83	AUG 8,83	1177.0	19.5	4.41		4.79	0.0394	3.00	0.35
AUG 11,83	AUG 10,83	2812.0	33.3	D 4.07		4.25	0.0820	3.80	0.30
AUG 12,83	AUG 11,83	47.0	*****	*****		3.99	0.1834	9.10	0.78
AUG 22,83	AUG 21,83	96.0	*****	*****		4,05	0.1244	6.10	0.95
SEP 2,83	AUG 30,83	1144.0	24.6	3.95		4.35	0.0652	3.75	0.44
SEP 7,83	SEP 6,83	137.0	D 64.0	****		4.06	0.1288	7.20	0.70
SEP 12,83	SEP 11,83	16.0	****	*****		7.30	0.0200	*****	****
SEP 16,83	SEP 15,83	720.0	44.7	3.70		4.10	0.0886	2.90	0.70
SEP 17,83	SEP 16,83	952.0	38.6	3.79	- 4	4.20	0.0610	3.95	0.35
SEP 19,83	SEP 18,83	146.0	36.5	*****		4.34	0.0758	3.70	0.53
SEP 21,83	SEP 20,83	440.0	10.2	*****		4.77	0.0320	0.90	0.10

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	STATI	он и	AME : I	LONGW	OODS/DA	ILY/AE	ROCHE	i	#02						P	AGE: 6			
	10VAL DATE		POSURE DATE		CALCIU	М	СНІ	ORIDE		MAGNESI	М	POTAS	SIM	SODIUM	1	AMMONIUM AS N	1		E H+
					MG/L	1.00	1	IG/L		MG/L		MG/	L	MG/L		MG/L			G/L
	18,83		17,83		0.29			.18		0.050		0.04	5	0.035		0.326		0.0	389
APR	29,83		28,83		0.84		(.27		0.170		0.12	5	0.165		0.540	G	0.0	030
MAY	1,83	APR	30,83		0.15		(80.0		0.035		0.03	5	0.045		0.292		0.0	355
MAY	2,83	MAY	1,83		0.10		(.04		0.030		0.030	0	0.045		0.260		0.0	389
MAY	3,83	MAY	2,83		0.49		(.20		0.085		0.07	0	0.190		0.460		0.0	214
MAY	4,83	MAY	3,83		0.20		(.10		0.025		0.045	5	0.045		0.140		0.0	
MAY	5,83	MAY	4,83		1.52		(.29		0.310		0.11	5	0.110		1.490	G	0.0	
MAY	8,83	MAY	7,83		0.59		(.15		0.100		0.055	5	0.140		0.248		0.0	
MAY	15,83	MAY	14,83		0.40		(.16		0.070		0.060	0	0.050		0.260		0.0	
MAY	20,83	MAY	19,83	U	0.82		0	.06		0.025		0.030		0.010		0.174		0.0	
MAY	23,83	MAY	22,83		0.11			.17		0.020		0.05		0.050		0.322		0.0	
MAY	24,83		23,83		0.75			.28		0.155		0.090		0.110		0.470		***	
	26,83		25,83		0.25			.18		0.050		0.060		0.060		0.420		0.0	
	30,83		29,83		0.10			.11		0.030		0.030		0.025		0.310		0.0	
JUN	1,83		31,83		0.41			.12		0.080		0.060		0.025		0.620		0.0	
JUN	4,83	JUN			0.19			.17		0.045		0.020		0.035		0.226		0.1	
JUN	6,83	JUN			0.12			. 05		0.030		0.020		0.025		0.250		0.0	
JUN	7,83	26000	6,83		*****			***		*****		****		*****		*****	C	0.0	
	10,83	JUN	3000		0.85			.30		0.185		0.055		0.090		0.730	G	0.0	
	28,83		27,83		0.79			.27		0.135		0.100		0.130		1.540			
	29,83		28,83		*****			.26		*****		****		*****				0.0	
JUL	1,83		30,83		0.43			.31		0.075						*****	U	0.0	
JUL			4,83		0.43			1.12				0.035		0.065		0.370		0.1	
	18,83		17,83	U						0.040		0.015		0.060		0.150		0.0	
				U				.22		0.280		0.060		0.060		0.730	U	0.0	
	26,83		20,83		1.11			.26		0.170		0.050		0.065		0.590		0.0	
	30,83		29,83		0.40			.15		0.065	2	0.035		0.065		0.332		0.0	
	31,83		30,83	U				.39		0.080		0.315		J 0.265		0.530	U	0.0	
AUG	1,83		31,83		0.15			.09		0.045		0.040		0.030		0.580		0.0	
AUG	4,83	AUG			0.20			.11		0.040		0.035		0.035		0.330		0.0	
AUG	9,83	AUG			0.57			.15		0.115		0.055		0.025		0.530		0.0	
	11,83		10,83		0.15			.11		0.030		0.030		0.030		0.440		0.0	
	12,83		11,83		*****			.35		****		*****		****		****		0.10	
	22,83		21,83		1.11			.20		0.160		0.050	0	0.065		0.292		0.0	891
SEP	2,83		30,83		0.34			.10		0.055		0.020	0	0.025		0.620		0.0	447
SEP	7,83		6,83	D				.22	D	0.105		0.055	5	0.160		0.590		0.08	871
	12,83		11,83		*****		***	***		****		*****	ĸ	****		*****	U	0.00	001
	16,83	SEP	15,83		0.28		0	.20		0.030		0.030	0	0.020		0.156		0.0	794
SEP	17,83	SEP	16,83		0.15		0	.09		0.015		0.065	5	0.040		0.490		0.0	631
SEP	19,83	SEP	18,83		0.54		0	.12		0.060		0.055	5	0.065		0.334		0.0	
SEP	21,83	SEP	20,83		0.09		0	.03		0.005	< W	0.005	5 <¥	0.005		0.086		0.0	

STATION NAME : LONGWOODS/DAILY/AEROCHEM #02 PAGE : 7

	OVAL DATE		POSURE DATE	START	PLING F/END HR.	STAR	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		ENTS OFFICE
							03-	COMP/04-0	THER							
SEP	26,83	SEP	25,83	800	800	2030	2230	1	1.2	1	17728	2	1	31	C	N
OCT	4,83	OCT	3,83	800	830	2000	2030	1	1.0	1	17750	2	1	26	C	N
OCT	5,83	OCT	4,83	830	1030	800	1030	1	4.2	1	17748	2	1	99	C	
OCT	6,83	OCT	5,83	1030	1000	1000	1500	1	1.6	1	17746	2	1	53	C	
OCT	9,83	OCT	8,83	830	900	1000	1500	1	8.2	1	17744	2	1	101		
OCT	12,83	OCT	11,83	800	900	400	900	1	8.2	1	17742	2	1	91	C	
OCT	13,83	OCT	12,83	1000	1000	1000	1500	1	3.2	1	17740	2	1	69	C	
OCT	14,83	OCT	13,83	1000	900	1330	1900	1	5.6	1	17738	2	1	81	C	
OCT	17,83	OCT	16,83	800	800	1700	2000	1	1.2	1	17736	2	1	61	C	
OCT	23,83	OCT	22,83	800	900	1300	500	1	20.8	1	17752	2	1	94		J
OCT	24,83	OCT	23,83	900	830	1000	500	1	0.8	1	17754	2	1	19		N
OCT	26,83	OCT	25,83	800	1200	1400	2200	1	1.4	1	17756	2	1	46	C	N
OCT	27,83	OCT	26,83	1200	930	1600	1700	1	0.8	1 .	17758	2	1	54	C	
OCT	31,83	OCT	30,83	800	830	***	****	1	1.8	1	17760	2	1	111	C	HCM
NOV	2,83	NOV	1,83	900	900	1830	2000	1	4.2	1	17762	2	1	99	C	JHM
NOV	3,83	NOA	2,83	900	1100	1130	2000	1	6.4	1	17764	2	1	91	C	JM
NOV	11,83	NOA	10,83	800	900	***	****	1	17.1	1	17767	2	1	99		J
NOV	12,83	NOA	11,83	900	900	900	1300	3	6.2	1	17769	2	1	55	C	JHM
NOA	16,83	VON	15,83	800	900	1800	2330	3	***	1	17771	2	1	****	C	J
VON	17,83	NOA	16,83	900	900	****	****	1	5.4	1	17774	2	1	62		J
NOV	20,83	VON	19,83	800	900	***	****	1	***	1	17776	2	1	***		J
VON	21,83	NOV	20,83	900	1000	****	****	1	7.2	2	17778	2	1	22	CD	N
NOA	23,83	VON	22,83	900	900	****	****	1	4.8	2	17780	2	1	112		J
NOV	28,83	NOA	27,83	800	900	1830	900	1	9.4	2	17784	2	1	71	C	JM
NOA	29,83	NOA	28,83	900	1115	***	****	3	13.0	2	17786	2	1	96	С	J
NOA	30,83	NOA	29,83	1115	900	1100	900	2	0.6	2	17789	2	1	26	CD	N
DEC	4,83	DEC	3,83	900	900	400	900	4	1.0	2	17791	2	1	168	C	ИНИ
DEC	5,83	DEC	4,83	900	1130	2000	1130	3	0.8	2	17793	2	1	136	С	N
DEC	6,83	DEC	5,83	1130	900	1130	900	3	27.0	2	17795	2	1	69		
DEC	7,83	DEC	6,83	900	1100	900	2000	3	25.8	2	17799	2	1	101		
DEC	9,83	DEC	8,83	800	800	1700	800	2	2.8	2	17801	2	1	****	EIK	
DEC	10,83	DEC	9,83	800	900	****	并并 并	2	1.2	2	17803	2	1	67		
DEC	12,83	DEC	11,83	1000	900	1400	900	1	14.8	2	17805	2	1	94		
	13,83		12,83	900	900	****	****	1	0.2	2	17807	2	1	249	CD	И
DEC	15,83	DEC	14,83	900	800	****	****	1	***	2	17811	2 -	1	****		
DEC	19,83	DEC	18,83	900	900	****	***	2	0.6	2	17813	2	1	***	EIK	
DEC	22,83	DEC	21,83	900	900	1030	530	3	22.0	2	17815	2	1	73		

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\$	STATI	N NC	AME :	LONGWO	ODS/D	AILY/AE	ROC	НЕМ	#02								PAI	GE: 8		
REMOV			POSURE	Ē	VOLU	1E		CONDUCT.			PH IELD			PH LAB	TOTAL TO PH8		:	SULPHATE		NITRATE AS N
DAI	I C		MIC		ML			UMHO/CM			ILLD			LAD	MG/L	. 3		MG/L		MG/L
SEP 26	6,83	SEP	25,83	3	24.1)		*****		××	****			4.27	0.0572			7.70		0.89
OCT 4	4,83	OCT	3,83	5	17.0)		*****		**	***	1	J	7.39	0.0158		3	****		*****
OCT 5	5,83	OCT	4,83	5	268.)		21.8			4.15			4.48	0.0560			2.75		0.50
OCT 6	6,83	OCT	5,83	5	55.1	0		****		**	****			4.56	0.0500			1.50		0.35
OCT 9	9,83	OCT	8,83	5	534.	0		18.6			4.22			4.68	0.0448			3.20		0.35
OCT 12	2,83	OCT	11,83	3	479.1)		12.8			4.34			4.76	0.0406			1.20		0.21
OCT 13	3,83	OCT	12,83	5	142.0)	D	37.0		**	***			4.16	0.1038		D	3.45	D	0.46
OCT 14	4,83	OCT	13,83	5	294.)		26.5			3.98			4.34	0.0742			2.80		0.32
OCT 17	7,83	OCT	16,83	5	47.1)		*****		**	***			4.01	0.1568			8.65	D	0.85
OCT 23	3,83	OCT	22,83	\$	1264.	0		18.1	U		3.34			4.34	0.0578			1.85		0.28
OCT 24	4,83	OCT	23,83	5	10.0)		*****		**	****		¥	****	*****		4	*****		*****
OCT 26	6,83	OCT	25,83	5	42.0)		41.5		××	***			4.25	0.0934		1	*****		*****
OCT 27	7,83	OCT	26,83	5	28.)		****		**	****	t	J	7.19	0.0180		3	****		*****
OCT 31	1,83	OCT	30,83	5	129.0)		5.5		**	****	l	J	7.26	0.0140			0.65		0.05
NOV 2	2,83	NOV	1,83	5	268.1)		27.2			3.62			4.45	0.0722			2.70		0.56
NOV 3	3,83	NOV	2,83	5	374.1)		38.0			3.69			4.19	0.1002			3.30		0.63
NOV 11	1,83	NOV	10,83	3	1089.0)		18.5			3.80			4.52	0.0484			1.90		0.25
NOV 12	2,83	NOV	11,83	5	222.0)		5.0	U		5.31	t	J	7.53	0.0142			0.65	<t< td=""><td>0.02</td></t<>	0.02
NOV 16	6,83	VON	15,83	5	423.)		19.6	U		2.54			4.39	0.0610			0.90		0.60
NOV 17			16,83		216.			22.5			3.56			4.37	0.0646			1.95		0.42
NOV 20	0.83		19,83		422.			37.1	U		3.29			4.16	0.0976			3.50		0.70
NOV 21			20,83		103.		D	38.2			****			4.25	0.0752			4.35		0.45
NOV 23			22,83		346.			42.4	U		3.23			4.10	0.1094			4.45		0.44
NOV 28	7		27,83		430.			13.5	U		3.18			4.64	0.0408			1.30		0.18
NOV 29			28,83		802.			26.8	U		2.98			4.31	0.0726			2.60		0.36
NOV 30			29,83		10.			****	-		****		*	****	*****			*****		*****
	4,83	DEC	3,83		108.			9.6			****	i	U	7.60	0.0106			2.15		0.20
	5,83	DEC	4,83		70.1			****			****		_	4.38	0.0776			6.95		1.46
	6,83	DEC	5,83		1198.			16.0			4.42			4.54	0.0464			1.55		0.19
	7,83	DEC	6,83		1686.			21.9			****			4.35	0.0638			2.35		0.16
	9,83	DEC	8,83		****			****			****		4	*****	*****			****		*****
DEC 10		DEC	9,83		52.0			****			****			4.78	0.0366		107	1.55		0.36
DEC 12			11,83		900.0			27.5			***			4.27	0.0762			2.25		0.49
DEC 13			12,83		32.0			*****			****			4.04	0.1324		0	*****		*****
DEC 15			14,83		79.0			*****			****			4.03	0.1212			5.15		0.98
DEC 19			18,83		****			*****			****		46	****	*****			*****		*****
DEC 22			21,83		1032.			26.3			****		,	4.30	0.0710			2.60		0.37
DEC 22	2,03	DEC	21,03		1025.	,		20.3		H R	иния			4,50	0.0/10			2.00		0.57

		STATI	ON NA	ME : I	ONGWOOD	S/DAILY/	AEROCI	HEM	#02						PA	AGE: 9		
ů.		OVAL	1,777,775	OSURE	CA	ALCIUM	(CHLORIDE		MAGNESIM		POTASSIM		SODIUM		AMMONIUM AS N		FREE H+
	-					MG/L		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
	SEP	26,83	SEP	25,83	**	****		0.26		****		*****		*****		****		0.0537
	OCT	4,83	OCT	3,83	#3	****	3	****		*****		*****		*****	- 4	*****	U	0.0000
	OCT	5,83	OCT	4,83		0.42		0.07		0.055		0.045		0.015		0.540		0.0331
	OCT	6,83	OCT	5,83	**	****		0.05		****		*****		*****		*****		0.0275
	OCT	9,83	OCT	8,83		0.71		0.06		0.055		0.060	<t< td=""><td>0.010</td><td></td><td>0.460</td><td></td><td>0.0209</td></t<>	0.010		0.460		0.0209
	OCT	12,83		11,83	D	0.17		0.07	D	0.030		0.025		0.025		0.114		0.0174
	OCT	13,83	OCT	12,83		0.20	D	0.38		0.030		0.025		0.045		0.222		0.0692
	OCT	14,83		13,83		0.27		0.26		0.050		0.050		0.020		0.278		0.0457
	OCT	17,83	OCT	16,83	**	****		0.35		*****		*****		*****		*****		0.0977
		23,83		22,83		0.08		0.09		0.020		0.035		0.065		0.108		0.0457
	OCT	24,83	OCT	23,83	**	****	3	*****		*****		*****		*****		*****		****
	OCT	26,83	OCT	25,83	**	****	3	****		*****		****		*****		*****		0.0562
	OCT	27,83	OCT	26,83	363	****	3	*****		*****		*****		*****		*****		0.0001
	OCT	31,83	OCT	30,83		0.24		0.13		0.040		0.065		0.040		0.112	U	0.0001
	NOA	2,83	NOA	1,83		0.32		0.17		0.045		0.075		0.070		0.154		0.0355
	NOA	3,83	NOA	2,83		0.17		0.32		0.040		0.035		0.170		0.170		0.0646
		11,83		10,83		0.12		0.13	D			0.030	<t< td=""><td></td><td></td><td>0.194</td><td></td><td>0.0302</td></t<>			0.194		0.0302
	NOA	12,83	NOA	11,83		0.52		0.08		0.110		0.035		0.040		0.068	U	0.0000
	VON	16,83	NOA	15,83		0.12		0.07		0.010		0.035		0.015		0.104		0.0407
	NOA	17,83	VON	16,83		0.12		0.08		0.015		0.030		0.025		0.162		0.0427
	NOA	20,83	NOA	19,83		0.31		0.30		0.035		0.070		0.150		0.318		0.0692
	NOA	21,83	NOA	20,83		0.41		0.47		0.090		0.085		*****		0.284		0.0562
	NOA	23,83	NOA	22,83		0.25		0.40		0.030		0.040		0.205		0.258		0.0794
		28,83	NOA	27,83		0.12		0.12		0.015	<t< td=""><td>0.010</td><td><t< td=""><td>0.010</td><td></td><td>0.058</td><td></td><td>0.0229</td></t<></td></t<>	0.010	<t< td=""><td>0.010</td><td></td><td>0.058</td><td></td><td>0.0229</td></t<>	0.010		0.058		0.0229
	NOA	29,83	NOA	28,83		0.11		0.19		0.020		0.020		0.020		0.258		0.0490
	NOA	30,83	NOA	29,83		****	3	****		****		*****		*****		*****		****
	DEC	4,83	DEC	3,83		1.12		0.14	U	0.215		0.035		0.050		0.026	U	0.0000
	DEC	5,83	DEC	4,83	*	****		0.91		*****		*****		*****		*****		0.0417
	DEC	6,83	DEC	5,83		0.11		0.05		0.015	<t< td=""><td>0.010</td><td></td><td>0.015</td><td></td><td>0.048</td><td></td><td>0.0288</td></t<>	0.010		0.015		0.048		0.0288
	DEC	7,83	DEC	6,83		0.05		0.05		0.010	<t< td=""><td>0.005</td><td></td><td>0.015</td><td></td><td>0.078</td><td></td><td>0.0447</td></t<>	0.005		0.015		0.078		0.0447
	DEC	9,83	DEC	8,83	**	****	9	*****		*****		*****		*****		*****		*****
	DEC	10,83	DEC	9,83	**	****		0.31		*****		*****		*****		*****		0.0166
	DEC	12,83	DEC	11,83		0.12		0.11		0.015	<t< td=""><td>0.015</td><td></td><td>0.040</td><td></td><td>0.116</td><td></td><td>0.0537</td></t<>	0.015		0.040		0.116		0.0537
_		13,83		12,83	**	****	9	****		*****		*****		*****		****		0.0912
	DEC	15,83		14,83	*3	****		0.39		*****		*****		*****		0.520		0.0933
		19,83		18,83		****	3	*****		****		*****		*****		*****		*****
	DEC	22,83	DEC	21,83		0.17		0.09		0.035	<t< td=""><td>0.015</td><td></td><td>0.070</td><td></td><td>0.108</td><td></td><td>0.0501</td></t<>	0.015		0.070		0.108		0.0501

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STATION NAME : MELBOURNE/DAILY/AEROCHEM #01 PAGE : 1

		issiste fili	EUR EUR			0.0000000000000000000000000000000000000										
	OVAL ATE		POSURE DATE	STAR	PLING T/END HR.	STAR	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		ENTS OFFICE
							03-	-COMP/04-0	THER							
			6,83	800			***	1	1.7	2	18186	2	1	130	CD	N
	10,83		9,83	800			****	1	15.5	2	18187	2	1	93		
	12,83		11,83	800			****	3	2.4	2	18188	2	1	81		
	15,83			800			****	2	4.8	2	18189	2	1	****	EFIK	
	18,83			800			***	2	****	2	18190	2	1	***		
	19,83			800			****	2	2.6	2	18191	2	1	****	EK	
	23,83		22,83	800	900		****	1	2.1	2	18192	2	1	95		
	25,83		24,83	800			****	1	1.0	2	18193	2	1	59		
	31,83			800			****	3	4.3	2	18194	2	1	105		
	2,83			800	800		***	1	3.7	2	18195	2	1	75	С	
	3,83			800			****	2	5.5	2	18196	2	1	115	200	
	17,83			800			****	1	1.0	2	18197	2	1	118	C	220
	23,83			800			****	1	6.2	2	18198	2	1	126	2	И
	7,83			800			***	1	1.7	2	18199	2	1	146	С	N
		MAR		800			****	1	2.3	2	18200	2	1	114	С	
	9,83			800			***	1	3.6	2	18201	2	1	114	CD	
			18,83	800			****	1	16.6	2	18202	2	1	85		
			26,83	800			****	3	6.7	2	18203	2	1	66		
	3,83	APR			1000		***	1	2.6	2	18204	2	1	150	C	N
	5,83	APR			1445		***	1	****	2	18205	2	1	****	A	Y2
	7,83			800			****	1	11.1	2	18206	2	1	88	С	
	8,83	APR		800			****	1	***	2	18207	2	1	****	C	
	10,83	APR		800		****	****	1	36.1	2	18208	2	1	99	C	
	11,83		10,83	800			***	1	1.1	2	18209	2	1	58	C	
	12,83			800			***	1	1.2	2	18210	2	1	132	CD	N
	14,83		13,83	800	800	****	****	1	9.6	1	18211	2	1	99	C	
	15,83			800		****	****	1	14.4	1	18212	2	1	93	C	
	17,83		16,83		1000	****	***	2	4.6	2	18213	. 2	1	U 18	HL	N
	18,83		17,83	1000	800	****	****	2	1.8	2	18214	2	1	****	EFIK	
	29,83		28,83	800	800	****	****	1	13.2	1	18215	2	1	93		Н
-	1,83		30,83	800	900	900	1600	1	17.2	1	18216	2	1	98		
MAY	2,83	MAY	1,83	900	800	****	****	1	22.3	1	18217	2	1	92		
	3,83	MAY		800	800	****	***	1	***	1	18218	2	1	****	C	
MAY		MAY	3,83	800	800	****	***	1	7.5	1	18219	2	1	99		
MAY	5,83	MAY	4,83	800	800		***	1	1.9	1	18220	2	1	86	C	
MAY	8,83	MAY	7,83	800	800	***	***	1	12.2	1	18221	2	1	103	C	
	15,83		14,83	800	800	****	****	1	12.0	1	18222	2	1	97		
	20,83			800		***	***	1	22.0	1	18223	2	1	138		И
	22,83			800	800	****	***	1	1.0	1	18224	2	1	81	C	
_MAY	23,83	MAY	22,83	800	800	***	***	1	11.4	1	18225	2	1	89	C	

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<u>-</u>

S	STATIO	ON NA	AME :	MELBOURNE/DAII	LY/AEROC	HEM	#0	1					P/	AGE : 2	:		
REMOV			POSURE	VOLUME		CONDUCT		PH		PH		TOTAL H		SULPHAT	Έ	NITRATE	
DAT	TE.	1	DATE					FIELD		LAB		TO PH8.	3	. 72. 72		AS N	
				ML		UMHO/CI	М			*		MG/L		MG/L		MG/L	
JAN 7			6,83			58.5		****		4.04		0.1258		5.25		2.05	
JAN 10			9,83			30.0		4.27	¥	*****		****		2.15		0.28	
JAN 12			11,83			*****		*****		4.37		0.0820		3.00		0.73	
JAN 15	5,83		14,83			****		*****		*****		****		*****		****	
JAN 18		JAN	17,83	203.0	G	106.0		3.65		3.74	G	0.2400		7.40		1.77	
JAN 19	9,83		18,83			*****		*****		*****		****		*****		*****	
JAN 23		JAN	22,83	128.0		48.0		*****		4.21		0.1466		4.05		0.84	
JAN 25	5,83	JAN	24,83	38.0		*****		*****		3.65	G	0.3080		*****		*****	
JAN 31	1,83	JAN	30,83	292.0		42.3		4.07		4.06		0.1286		4.00		0.67	
FEB 2	2,83	FEB	1,83	179.0		30.4		4.44		4.29		0.0942		4.15		0.40	
FEB 3	3,83	FEB	2,83	407.0		43.7		4.09		4.02		0.1336		3.35		0.70	
FEB 17	7,83	FEB	16,83	76.0		*****		****	U	3.37	G	0.5580	U	11.85		U 5.40	
FEB 23	3,83	FEB	22,83	502.0	G	110.0		*****		3.61	G	0.2920		8.50		1.53	
MAR 7	7,83	MAR	6,83	160.0		30.0		*****		4.26		0.0664		2.70		0.38	
MAR 8	3,83	MAR	7,83	169.0		46.6		****		4.23		0.0916		5.25		1.37	
MAR 9	9,83	MAR	8,83	265.0		55.8		*****		4.02		0.1406		4.20		1.12	
MAR 19	9,83	MAR	18,83	908.0		24.4		****		4.35	D	0.0700		1.80		0.38	
MAR 27			26,83			26.8		*****		4.31		0.0732		1.95		0.40	
APR 3	3,83	APR	2,83	251.0		52.1		4.26		4.22		0.1008		6.85		1.11	
	5,83		3,83			****		*****		4.10		0.1114		3.05		0.71	
	7,83	APR				60.3		4.09		3.95		0.1414		5.05		0.98	
	3,83		7,83			*****		*****		*****		*****		*****		****	
APR 10			9,83		A	20.0		4.71		4.44		0.0572		1.70		0.27	
APR 11			10,83		1527	*****		*****	G	5.29		*****		5.25		1.03	
APR 12			11,83			*****		*****		4.16		0.1104		5.55		0.82	
APR 14			13,83			50.2		4.09		4.08		0.1264		4.25		0.71	
APR 15			14,83			28.6		4.41		4.39		0.0724		2.80		0.34	
APR 17			16,83			*****		*****		*****		*****		1.50		1.45	
APR 18			17,83			*****		*****		*****		*****		*****		*****	
APR 29			28,83			23.0		4.60		4.97		0.0386		4.20		0.50	
	1,83		30,83			26.0		4.25		4.36		0.0690		2.25		0.34	
	2,83		1,83			25.4		4.23		4.40		0.0648		2.65		0.24	
	3,83	MAY	2,83			20.4	1	D 4.55		4.85		0.0384		3.00		0.35	
	10.00					29.9		4.17		4.25		0.0304		3.45		0.19	
	,83 5,83	MAY	3,83			*****		*****		4.25		0.0798		5.25		2.10	
		MAY	4,83						U								
	3,83		7,83			23.4		4.41		4.70		0.0448		4.00		0.39	
MAY 15			14,83			13.3		4.65		4.79		0.1272		1.45		0.11	
MAY 20			19,83			28.6		4.17		4.33	_	0.0768		2.85		0.14	
MAY 22			21,83			*****		*****	U	3.44	G	0.4960	U	12.30		U 2.45	
MAY 23	5,83	MAY	22,83	655.0		32.9		4.13		4.27		0.0828		3.30		0.29	

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S	TATION	NAME :	MELBOU	JRNE/DAI	LY/AEROCH	ЕМ	#01							PA	GE :	3		
REMOVA		XPOSURE DATE		CALCIUM	ı c	HLORIDE		MAGNESI	М	ŧ	POTASSIM		SODIUM		AMMON AS			FREE H+
2000				MG/L		MG/L		MG/L			MG/L		MG/L		MG/			MG/L
JAN 7	,83 JA	N 6,83		1.04		0.57		0.130			0.075		0.305	U	1.42	0		0.0912
JAN 10	,83 JA	9,83	G	1.52		0.13		0.225			0.125		0.110		0.20	6		*****
JAN 12	,83 JA	11,83		0.06		0.48		0.005			0.045	<14	0.005		0.94			0.0427
JAN 15	,83 JAI	14,83		*****	*	****		*****		3	****		*****		*****	*		*****
JAN 18	,83 JAI	N 17,83		0.92	G	1.05		0.115			0.095		0.370	G	1.23	0		0.1820
JAN 19	,83 JAI	18,83		*****	*	****		*****		3	****		*****		****	×		*****
JAN 23	,83 JAI	1 22,83		0.59		0.51		0.060		G	0.300		0.280		0.22	8		0.0617
JAN 25	,83 JAI	N 24,83		*****	*	****		*****		3	****		*****		****	×		0.2239
JAN 31:	,83 JAI	N 30,83		0.14		0.24		0.035			0.065		0.065		0.69	0		0.0871
FEB 2	,83 FE	8 1,83		0.21		0.27		0.050			0.180		0.145		****	×		0.0513
FEB 3	,83 FE			0.17		0.36		0.045			0.060		0.095		0.27	6		0.0955
FEB 17	,83 FE	8 16,83		*****	U	2.30		****		3	****		*****		****	×	U	0.4266
FEB 23	,83 FE	8 22,83		0.31		0.79		0.055			0.060		0.240		0.73	O O		0.2455
MAR 7	,83 MA	R 6,83		0.60		0.53		0.090			0.075		0.255		0.07	21		0.0550
MAR 8	,83 MA	R 7,83	U	1.90		0.69		0.220		U	0.365		0.330		0.75	0		0.0589
MAR 9	,83 MA	R 8,83		0.42		0.30		0.050			0.080		0.120		0.52	o o		0.0955
MAR 19	,83 MA	R 18,83		0.09		0.07		0.015			0.015		0.025		0.16	2		0.0447
MAR 27	,83 MA	R 26,83		0.13		0.11		0.025			0.040		0.065		0.19	8		0.0490
APR 3	,83 AP	R 2,83	U	1.69		0.45	U	0.320			0.140		0.160		0.63	0		0.0603
APR 5	,83 AP	R 3,83		0.12		0.14		0.020			0.050		0.050		****	¥		0.0794
APR 7	,83 AP	R 6,83		0.47		0.26		0.050			0.070		0.080		0.43	0		0.1122
APR 8	,83 AP	R 7,83		*****	*	****		*****		3	****		*****		****	×		*****
APR 10		R 9,83		0.14		0.06		0.010			0.040		0.030		0.07	2		0.0363
APR 11	,83 AP	R 10,83		*****		0.35		*****		3	****		****		****	×	G	0.0051
APR 12	,83 AP	R 11,83		0.39		0.98		0.060		U	0,505	U	0.660		0.81	0		0.0692
APR 14	,83 AP	R 13,83		0.36		0.22		0.040			0.070		0.045		0.24	8		0.0832
APR 15	,83 AP	R 14,83		0.31		0.20		0.045			0.060		0.080		0.19	4		0.0407
APR 17		R 16,83		0.25		0.34		0.035			0.Ø55		0.040		****	×		*****
APR 18	,83 AP	R 17,83		*****	*	****		****		3	****		****		****	¥		*****
APR 29	,83 AP	R 28,83		1.00		0.16		0.195			0.080		0.105		0.78	0		0.0107
MAY 1	,83 AP	R 30,83		0.07		0.06		0.025			0.015		0.030		0.28	4		0.0437
MAY 2	,83 MA	1,83		0.12		0.05		0.030			0.040		0.060		0.27	2		0.0398
MAY 3	,83 MA	2,83		0.63		0.22		0.110		D	0.085		0.210		0.46	0		0.0141
MAY 4	,83 MA	7 3,83		0.25		0.15		0.035			0.080		0.150		0.15	2		0.0562
MAY 5	,83 MA	4,83	U	1.95		0.44	U	0.405			0.195		0.175		1.60			0.0126
MAY 8	,83 MA	7,83		0.98		0.27		0.150			0.110		0.240		0.44			0.0200
MAY 15	,83 MA	14,83	D	0.16		0.05		0.035			0.020		0.035		0.21			0.0162
MAY 20	,83 MA	19,83		0.10		0.06		0.020			0.025		0.030		0.18	4		0.0468
MAY 22,	,83 MA	21,83		****	U	1.28		****		31	****		*****		****			0.3631
MAY 23,	,83 MA	22,83		0.14		0.11		0.030			0.040		0.050		0.30	4		0.0537
																		INTERNATION TO

STATION NAME : MELBOURNE/DAILY/AEROCHEM

#01

PAGE: 4

	J.A.			ILLUGUI			Littooiii									
	MOVAL DATE		POSURE DATE	START	PLING T/END HR.	STAR	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER		SUBPROJECT CODE 01-MOE 03-AES			MENTS OFFICE
							03-	-COMP/04-0	THER	or mannen		03 01 202112	05 1120	****		
								2							2	
*	24,83			800		****		1	0.6	1	18226	2	1	****	E	
	26,83			800	800	****		1	4.5	1	18227	2	1	90	ACD	
	30,83		29,83	800	800	1000 ***		1	14.8	1	18228	2	1	103	C AD	
	1,83		31,83	800 800	800 800		****	1	10.4	1	18229 18230	2	1	100 95	AD	
	6,83	JUN		800	800	****		1	6.0	1	18231	2	1	103	CD	
	7,83	JUN		800	800	***		1	3.6	1	18232	2	1	82	CD	н
	10,83		9,83	800	800		****	1	3.0	1	18233	2	1	94	D	HM
	28,83		27,83	800	900	***		1	22.2	1	18235	2	î	142	C	N
	29,83		28,83	900	800		****	1	1.6	î	18236	2	î	48	C	N
	1,83		30,83	800	800		****	1	3.4	î	18237	2	î	92	D	.,
	5,83		4,83	800	900		***	î	22.0	î	18238	2	î	U 124	DF	
	18,83		17,83	800	900	1300		î	37.4	1	18239	2	1	91	C	
	20,83		19,83	800	800		****	1	0.6	î	18240	2	1	36		N
	21,83		20,83	800		****		ī	5.0	ī	18241	2	1	91	BC	j
	24,83		23,83	800		****	****	1	1.2	1	18242	2	1	70		
	29,83		28,83	800	1200	400	1200	1	33.0	1	18243	2	1	103	C	
	30,83	JUL	29,83			****	****	1	14.8	1	18244	2	1	98	С	
JUL	31,83	JUL	30,83	900	1300	***	***	1	21.5	1	18245	2	1	98		
AUG	1,83	JUL	31,83	1300	800	***	****	1	5.8	1	18246	2	1	91	BC	
AUG	2,83	AUG	1,83	800	800	***	****	1	0.6	1	18247	2	1	20	E	N
AUG	4,83	AUG	3,83	800	800	****	***	1	22.2	1	18248	2	1	U 186	P	N
AUG	9,83	AUG	8,83	800	800	***	****	3	20.0	1	18249	2	1	102	BC	J
AUG	11,83	AUG	10,83	800	800	****	****	1	12.0	1	18250	2	1	96		
AUG	16,83	AUG	11,83	800	800	1100	1400	1	21.3	1	18251	2	1	116		Y5
AUG	22,83	AUG	21,83	800	800	1200	1600	1	2.6	1	18255	2	1	80		
AUG	23,83	AUG	22,83	800	800	****	***	1	0.4	1	18254	2	1	****	E	
AUG	26,83	AUG	25,83	800	800	****	***	1	0.6	1	18253	2	1	***	E	
	31,83		30,83	800	800	****		1	29.0	1	18256	2	1	102		ງ
	7,83		6,83	800	800	***		1	1.7	1	18252	2	1	45		И
	16,83		15,83	800	800	****		1	11.2	1	18261	2	1	94		T
	17,83		16,83	800	800	***		1	17.9	1	18260	2	1	96		
	19,83			800	800		***	1	1.0	1	18259	2	1	46		N
			20,83	800	800	1900		1,	***	1	18258	2	1	***		
	5,83		4,83	800	800		****	1	2.4	1	18267	2	1	53		
	6,83		5,83	800	800	****		1	4.8	1	18266	2	1	87		
	9,83		8,83	800	800	****		1	5.0	1	18265	2	1	97		
	12,83			800	800	****		1	9.0	1	18264	2	1	100		
	13,83			800	800	****		1	5.2	1	18263	2	1	93		
mOC I	14,83	UCT	15,85	800	800	****	***	1	2.8	1	18262	2	1	96		

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STAT	ION NAME : MEL	BOURNE/DAILY/	AEROCHEM	#01			PAGE : 5	
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
MAY 24,83	MAY 23,83	****	****	*****	*****	*****	*****	*****
MAY 26,83	MAY 25,83	261.0	35.5	4.07	4.26	0.0928	3.65	0.53
MAY 30,83	MAY 29,83	986.0	36.5	4.06	4.19	0.1006	3.45	0.36
JUN 1,83	MAY 31,83	672.0	24.4	4.28	4.51	0.0614	3.15	0.35
JUN 4,83	JUN 3,83	687.0	66.5	3.73	3.90	0.1696	5.45	0.86
JUN 6,83	JUN 5,83	398.0	D 19.8	4.26	4.67	0.0482	2.35	0.31
JUN 7,83	JUN 6,83	191.0	6.2	4.79	G 5.26	0.0256	0.70	0.10
JUN 10,83	JUN 9,83	181.0	*****	3.81	4.04	0.1400	8.60	1.42
JUN 28,83	JUN 27,83	2022.0	****	3.93	4.13	0.1218	6.80	1.45
JUN 29,83	JUN 28,83	50.0	****	*****	****	*****	*****	****
JUL 1,83	JUN 30,83	201.0	71.0	D 3.74	3.89	0.1822	7.15	0.66
JUL 5,83	JUL 4,83	1758.0	12.9	4.68	4.82	0.0336	1.50	0.14
JUL 18,83	JUL 17,83	2200.0	19.0	4.69	4.87	0.0366	3.15	0.41
JUL 20,83	1	14.0	****	*****	*****	*****	*****	*****
JUL 21,83		293.0	11.9	U 5.20	U 6.33	0.0190	1.70	0.49
JUL 24,83		54.0	*****	*****	4.37	0.0824	5.20	1.06
JUL 29,83		2192.0	33.4	4.16	4.26	0.0774	3.60	0.47
JUL 30,83		934.0	U 88.0	U 3.74	U 3.84	D 0.1926	U 9.95	1.02
JUL 31,83	: '- '- '- '- '- '- '- '- '- '- '- '- '-	1351.0	27.4	4.20	4.38	0.0698	2.90	0.25
AUG 1,83		340.0	38.4	4.18	4.28	0.0840	5.00	0.54
AUG 2,83		8.0	*****	*****	*****	*****	*****	*****
AUG 4,83		2651.0	62.0	*****	D 3.99	0.1422	D 6.15	0.73
AUG 9,83		1316.0	15.5	4.72	U 5.36	0.0268	3.00	0.73
AUG 11,83		741.0	*****	3.89	4.00	0.1310	6.05	0.62
AUG 16,83		1596.0	29.4	4.01	4.40	0.0738	3.35	0.02
			57.0	*****				
AUG 22,83		134.0 *****	57.U *****	*****	4.04 *****	0.1328 *****	7.30 *****	1.14
AUG 23,83								*****
AUG 26,83		*****	*****	*****	*****	*****	*****	*****
AUG 31,83		1912.0	36.0	3.70	4.31	D 0.0852	4.10	0.47
SEP 7,83		50.0	*****	*****	U 3.81	0.2240	U 14.20	1.37
SEP 16,83		676.0	50.5	3.69	4.02	0.0946	3.35	0.82
SEP 17,83) - [14](15](15](] (27)(15) ⁴ (17)(14)(14)	1112.0	40.6	3.81	4.18	0.0674	4.20	0.35
SEP 19,83		30.0	*****	*****	4.24	0.0598	4.95	D 0.71
SEP 21,83		1895.0	11.3	4.34	4.74	0.0318	1.05	0.10
OCT 5,83		82.0	33.4	****	U 5.12	0.0376	6.50	1.36
OCT 6,83		269.0	16.3	4.29	4.47	0.0492	1.40	0.35
OCT 9,83		314.0	17.5	4.34	4.72	0.0412	2.85	0.31
OCT 12,83		578.0	13.2	4.31	4.60	0.0428	1.00	0.23
OCT 13,83		313.0	21.2	3.95	4.40	0.0660	1.80	0.26
OCT 14,83	OCT 13,83	174.0	23.6	****	4.36	0.0670	2.65	0.32

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ST	ATION NAME : M	ELBOURNE/DAIL	Y/AEROCHEM	#01			PAGE : 6	
REMOVA		CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
	,=	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MAY 24,		****	****	*****	****	*****	****	****
MAY 26,		0.42	0.20	0.075	0.045	0.050	0.420	0.0550
MAY 30,	83 MAY 29,83	0.15	0.12	0.035	0.035	0.035	0.320	0.0646
JUN 1,		0.32	0.25	0.060	0.070	0.035	0.550	0.0309
JUN 4,	83 JUN 3,83	0.24	0.25	0.050	0.015	0.040	0.266	0.1259
JUN 6,	83 JUN 5,83	0.23	0.10	0.040	0.045	0.050	D 0.430	0.0214
JUN 7,	83 JUN 6,83	0.19	0.08	0.040	0.040	0.050	0.102	G 0.0055
JUN 10,	83 JUN 9,83	1.44	0.40	0.265	0.080	0.100	0.116	0.0912
JUN 28,	83 JUN 27,83	*****	0.20	*****	*****	米米米米米	0.880	0.0741
JUN 29,	83 JUN 28,83	*****	*****	*****	****	*****	*****	*****
JUL 1,	83 JUN 30,83	0.36	0.27	D 0.050	0.065	0.100	0.390	0.1288
JUL 5,	83 JUL 4,83	0.14	0.18	0.030	0.065	0.090	0.190	0.0151
JUL 18,	83 JUL 17,83	0.70	0.16	0.135	0.055	0.055	0.550	0.0135
JUL 20,		*****	*****	****	*****	*****	****	****
JUL 21,		0.66	0.19	0.110	0.125	0.125	0.550	U 0.0005
JUL 24,		*****	0.65	*****	*****	*****	****	0.0427
JUL 29,		0.42	0.17	0.080	0.030	0.070	0.276	0.0550
JUL 30,		0.94	0.37	0.155	0.065	0.155	U 0.950	U 0.1445
JUL 31,		0.10	0.10	0.025	0.040	0.040	0.222	0.0417
AUG 1,		U 0.33	0.14	0.075	0.100	0.055	0.900	0.0525
AUG 2,		*****	*****	*****	*****	*****	*****	*****
AUG 4,		0.35	0.19	0.080	0.035	0.040	0.570	D 0.1023
AUG 9,		0.75	0.21	0.165	0.075	0.055	0.430	U 0.0044
AUG 11,		0.27	0.20	0.050	0.065	0.055	0.740	0.1000
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	[장마다] - '이 아이랑() - (아이랑() - () - () - () - () - () - () - () -	0.12	0.10	0.020	<w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.400</td><td>0.0398</td></w></td></w>	<w 0.005<="" td=""><td>0.400</td><td>0.0398</td></w>	0.400	0.0398
AUG 16,		1.17	0.10	0.190	0.060	D 0.135	0.332	0.0912
AUG 22,		*****	*****	*****	*****	*****	*****	*****
AUG 23,		*****	*****	*****	*****	*****	*****	*****
AUG 26,				0.030	0.070	0.065	0.520	0.0490
AUG 31,		0.20	0.14	*****	*****	*****	0.950	U 0.1549
SEP 7,		*****	0.62					
SEP 16,	얼마면에 그 바다 그래요 그래 살아 하나면 없다.	0.28	0.21	0.030	0.055	0.035	0.146	0.0955
SEP 17,		0.16	0.12	0.015	0.035	0.035	0.490	0.0661
_SEP 19,		*****	0.24	****	*****	*****	*****	0.0575
_SEP 21,		0.15	0.02	0.020	<t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.084</td><td>0.0182</td></w></td></t>	<w 0.005<="" td=""><td>0.084</td><td>0.0182</td></w>	0.084	0.0182
OCT 5,		U 2.00	0.31	U 0.500	0.200	0.130	*****	U 0.0076
OCT 6,		0.17	0.04	0.015	0.020	<t 0.010<="" td=""><td>0.272</td><td>0.0339</td></t>	0.272	0.0339
	83 OCT 8,83	D 0.51	0.04	0.035	0.060	<t 0.010<="" td=""><td>0.520</td><td>0.0191</td></t>	0.520	0.0191
OCT 12,		0.10	<w 0.01<="" td=""><td>0.010</td><td><t 0.005<="" td=""><td>0.015</td><td>0.110</td><td>0.0251</td></t></td></w>	0.010	<t 0.005<="" td=""><td>0.015</td><td>0.110</td><td>0.0251</td></t>	0.015	0.110	0.0251
OCT 13,		0.09	0.08	0.010	0.020	0.030	0.124	0.0398
OCT 14,	83 OCT 13,83	0.35	0.13	0.035	0.060	0.025	0.180	0.0437

STATION NAME : MELBOURNE/DAILY/AEROCHEM #01 PAGE : 7

REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END	PRECIP START/END	SAMPLE TYPE	GAUGE DEPTH(MM)	GAUGE TYPE	SAMPLE	PROJECT CODE	SUBPROJECT CODE	SAMPLER EFFICI-		ENTS OFFICE
		HR. HR.	HR. HR.	01-RAIN		01-STD.		02-APIOS	01-M0E	ENCY		
				02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(Z)		
			03-	COMP/04-0	THER							
OCT 17,83	OCT 16,83	800 800	****	1	0.8	1	18268	2	1	13	CDE	N
OCT 23,83	OCT 22,83	800 900	1000 600	1	29.1	1	18269	2	1	89		J
OCT 26,83	OCT 25,83	800 800	**** ****	1	0.8	1	18270	2	1	64	CD	
OCT 29,83	OCT 28,83	800 800	500 600	1	1.0	1	18271	2	1	42		N
NOV 2,83	NOV 1,83	800 800	1600 2200	1	3.9	1	18272	2	1	88		JM
NOV 3,83	NOV 2,83	800 800	**** ****	1	5.3	1	18273	2	1	93		J
NOV 11,83	NOV 10,83	800 800	**** ****	1	12.0	1	18274	2	1	88	С	J
NOV 12,83	NOV 11,83	800 800	**** ****	3	6.0	2	18275	2	1	80		JC
NOV 16,83	NOV 15,83	800 800	**** ****	3	12.7	2	18276	2	1	99		J
NOV 17,83	NOV 16,83	800 800	**** ***	3	4.3	2	18277	2	1	61		
NOV 20,83	NOV 19,83	800 800	****	1	5.2	1	18278	2	1	91		J
NOV 21,83	NOV 20,83	800 800	**** ****	1	4.0	1	18279	2	1	84		J
NOV 23,83	NOV 22,83	800 800	****	1	4.8	1	18280	2	1	86		J
NOV 24,83	NOV 23,83	800 800	****	1	5.3	2	18281	2	1	73	C	J
NOV 28,83	NOV 27,83	800 800	****	1	12.3	2	18283	2	1	81		J
NOV 29,83	NOV 28,83	800 800	1600 1800	1	9.8	2	18284	2 .	1	85		J
DEC 6,83	DEC 5,83	800 800	1000 800	2	22.0	2	18285	2	1	107	C	М
DEC 7,83	DEC 6,83	800 800	****	3	24.0	2	18286	2	1	108	C	М
DEC 8,83	DEC 7,83	800 800	**** ****	2	0.8	2	18287	2	1	48	С	N
DEC 10,83	DEC 9,83	800 900	**** ****	2	4.2	2	18288	2	1	78	CD	
DEC 12,83	DEC 11,83	800 800	**** ****	1	19.8	2	18289	2	1	86	C	
DEC 13,83	DEC 12,83	800 800	**** ****	1	1.9	2	18290	2	1	94	С	
DEC 15,83	DEC 14,83	800 800	***	1	1.7	2	18291	2	1	U 74	G	
DEC 22,83	DEC 21,83	800 800	****	3	25.4	2	18292	2	1	80		
DEC 28,83	DEC 27,83	800 1330	**** ****	2	8.9	2	18293	2	1	****	EIK	

STATI	ON NAME : MEI	EROCHEM	#01					PAGE : 8					
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.		PH FIELD		PH LAB		TOTAL H+ TO PH8.3		SULPHATE		NITRATE AS N
		ML	UMHO/CM						MG/L		MG/L		MG/L
OCT 17,83	OCT 16,83	7.0	*****		***	3	*****		****		*****		*****
OCT 23,83	OCT 22,83	1666.0	18.1		3.30		4.45	G	0.4780		2.00		0.30
OCT 26,83	OCT 25,83	33.0	*****		****	U	3.98		0.1764	U	10.60	U	1.38
OCT 29,83	OCT 28,83	27.0	*****		****	U	7.77		0.0152		****		*****
NOV 2,83	NOV 1,83	222.0	31.6	U	2.12		4.31		0.0864		3.20		0.60
NOV 3,83	NOV 2,83	316.0	30.9		3.68		4.25		0.0844		3.00		0.51
NOV 11,83	NOV 10,83	681.0	19.3	U	2.46		4.54		0.0508		1.75		0.27
NOV 12,83	NOV 11,83	308.0	5.6		3.72	U	5.69		0.0188		0.60	<t< td=""><td>0.01</td></t<>	0.01
NOV 16,83	NOV 15,83	811.0	19.5	U	2.41		4.39		0.0630		0.75		0.58
NOV 17,83	NOV 16,83	170.0	20.2		****		4.47		0.0532		1.25		0.48
NOV 20,83	NOV 19,83	304.0	40.8	U	2.45		4.14		0.1034		3.35		0.86
NOV 21,83	NOV 20,83	217.0	26.4	U	3.19		4.32		0.0736		2.80		0.23
NOV 23,83	NOV 22,83	267.0	51.2	U	3.19		4.04		0.1262		5.45		0.61
NOV 24,83	NOV 23,83	250.0	39.8	U	2.97		4.16		0.0954		3.50		0.51
NOV 28,83	NOV 27,83	644.0	17.0	U	3.16		4.55		0.0484		1.35		0.20
NOV 29,83	NOV 28,83	536.0	30.5	U	3.07		4.30		0.0756		2.75		0.37
DEC 6,83	DEC 5,83	1523.0	20.2		*****		4.43		0.0546		1.85		0.28
DEC 7,83	DEC 6,83	1663.0	25.3		****		4.34		0.0696		2.60		0.18
DEC 8,83	DEC 7,83	25.0	*****		****		4.63		0.0400		0.45		0.33
DEC 10,83	DEC 9,83	211.0	18.3		*****		4.73		0.0362		0.85		0.62
DEC 12,83	DEC 11,83	1103.0	28.8		****		4.24		0.0762		2.20		0.49
DEC 13,83	DEC 12,83	115.0	45.5		****		4.04		0.1178		3.95		0.92
DEC 15,83	DEC 14,83	81.0	*****		****		4.01		0.1274		4.85		0.91
DEC 22,83	DEC 21,83	1307.0	27.0		*****		4.31		0.0688		2.55		0.35
DEC 28,83	DEC 27,83	*****	*****		****	9	*****		*****		*****		****

	STAT	ION NAME : M	ELBOURNE/DAILY/	AEROCHEM	#01						PA	GE: 9		
	REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE		MAGNESIM		POTASSIM		SODIUM		AMMONIUM AS N		FREE H+
			MG/L	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
0	CT 17,83	OCT 16,83	*****	****		****		*****		****		****		****
0	CT 23,83	OCT 22,83	0.22	0.32		0.065		0.030		0.060		0.078		0.0355
0	CT 26,83	OCT 25,83	****	U 0.93		*****		****		****		*****	U	0.1047
0	CT 29,83	OCT 28,83	*****	*****		*****		*****		****		****	U	0.0000
1	OV 2,83	NOV 1,83	0.33	0.10		0.045		0.040		0.060		0.218		0.0490
1	IOV 3,83	NOV 2,83	0.18	0.23		0.030		0.045		0.135		0.188		0.0562
1	OV 11,83	NOV 10,83	0.11	0.12		0.010		0.020		0.020		0.272		0.0288
1	OV 12,83	NOV 11,83	0.12	0.04		0.020		0.055		0.030		0.080	U	0.0020
1	OV 16,83	NOV 15,83	0.06	0.05		0.010	<t< td=""><td>0.010</td><td></td><td>0.015</td><td></td><td>0.088</td><td></td><td>0.0407</td></t<>	0.010		0.015		0.088		0.0407
1	OV 17,83	NOV 16,83	0.08	0.05		0.010		0.025		0.020		0.264		0.0339
1	OV 20,83	NOV 19,83	0.35	0.31		0.010		0.045		0.170		0.344		0.0724
1	OV 21,83	NOV 20,83	0.18	0.21		0.025		0.020		0.075	D	0.114		0.0479
1	OV 23,83	NOV 22,83	0.40	0.54		0.065		0.065		0.320		0.364		0.0912
1	OV 24,83	NOV 23,83	0.36	0.37		0.030		0.050		0.270		0.120		0.0692
1	OV 28,83	NOV 27,83	0.12	0.08	D	0.010	<t< td=""><td>0.010</td><td></td><td>0.020</td><td></td><td>0.040</td><td></td><td>0.0282</td></t<>	0.010		0.020		0.040		0.0282
1	OV 29,83	NOV 28,83	0.14	0.17		0.015		0.035		0.020		0.246		0.0501
D	EC 6,83	DEC 5,83	0.05	0.07		0.010	<t< td=""><td>0.010</td><td><t< td=""><td>0.010</td><td></td><td>0.098</td><td></td><td>0.0372</td></t<></td></t<>	0.010	<t< td=""><td>0.010</td><td></td><td>0.098</td><td></td><td>0.0372</td></t<>	0.010		0.098		0.0372
I	EC 7,83	DEC 6,83	0.04	0.05		0.005	< T	0.005	<t< td=""><td>0.010</td><td></td><td>0.072</td><td></td><td>0.0457</td></t<>	0.010		0.072		0.0457
D	EC 8,83	DEC 7,83	*****	0.09		*****		****		****		****		0.0234
D	EC 19,83	DEC 9,83	*****	0.23		*****		*****		*****		*****		0.0186
E	EC 12,83	DEC 11,83	0.06	0.12		0.015		0.020		0.085		0.118		0.0575
E	EC 13,83	DEC 12,83	*****	0.16		*****		*****		*****		0.154		0.0912
L	EC 15,83	DEC 14,83	*****	0.37		*****	+1	*****		*****		0.430		0.0977
D	EC 22,83	DEC 21,83	0.10	0.09		0.025	<t< td=""><td>0.015</td><td></td><td>0.060</td><td></td><td>0.110</td><td></td><td>0.0490</td></t<>	0.015		0.060		0.110		0.0490
E	EC 28,83	DEC 27,83	*****	*****		*****		*****		*****		*****		*****

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STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03

PAGE: 1

	MOVAL DATE		POSURE DATE	SAMP START HR.		PRE START		SAMPLE TYPE 01-RAIN	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD.	SAMPLE NUMBER	PROJECT CODE 02-APIOS	SUBPROJECT CODE 01-MOE	EFFICI- ENCY		ENTS OFFICE
							03-	02-SNOW COMP/04-0	THED	02-NIPHER		03-SPECIAL	03-AES	(%)		
							0.3	COMPYON	THER							
JAN	7,83	JAN	6,83	800	800	****	****	2	5.7	2	18568	2	1	37	С	N
JAN	8,83		7,83	800	800	****	****	2	****	2	18569	2	1	***		
JAN	11,83	JAN	10,83	800	800	***	****	1	19.7	2	18570	2	1	101	C	
JAN	12,83	JAN	11,83	800	800	****	****	2	5.3	5	18571	2	1	71	C	
JAN	15,83	JAN	14,83	800	800	***	****	2	7.3	2	18572	2	1	****	IKFE	
JAN	17,83	MAL	16,83	800	800	***	****	2	1.1	2	18573	2	1	***	KE	
JAN	23,83	JAN	20,83	800	800	***	****	2	0.7	2	18575	2	1	U 100	CDHL	Y3
JAN	24,83	JAN	23,83	800	800	***	****	3	1.5	2	18576	2	1	***	EK	
JAN	25,83	JAN	24,83	800	800	***	***	2	2.5	2	18577	2	1	U 28	CL	N
JAN	26,83	JAN	25,83	800	800	***	***	3	1.5	2	18578	2	1	U 12	DHL	N
JAN	27,83	JAN	26,83	800	800	***	****	2	0.3	2	18579	2	1	***	EIK	
JAN	30,83	JAN	27,83	800	800	****	****	1	1.3	2	18580	2	1	148		NY3
JAN	31,83	JAN	30,83	800	800	***	****	3	4.7	2	18581	2	1	94	D	
FEB	1,83	JAN	31,83	800	800	***	****	2	****	2	18582	2	1	***		
FEB		FEB		800	800	***		1	3.9	2	18583	2	1	94	CD	
FEB		FEB		800	800	800	800	1	13.3	2	18584	2	1	83	C	
FEB		FEB		800	800	1400		2	***	2	18585	2	1	****	C	
FEB		FEB		800	800		****	2	4.9	2	18586	2	1	***		
	8,83	FEB		800	800	110000000000000000000000000000000000000	1000	2	****	2	18587	2	1	***		
	16,83		15,83	800	800	***		3	***	2	18590	2	1	****	D	
			16,83	800	800	****		1	1.3	2	18591	2	1	102	CD	
	23,83		22,83	800	800	****		3	8.9	2	18592	2	1	77	С	
	4,83	MAR		800	800	****		1	***	2	18593	2	1	***	CD	
	7,83	MAR		800	800	****		1	2.9	2	18594	2	1	106	CD	
	8,83	MAR		800	800	***		1	1.7	2	18595	2	1	59	С	
	9,83		8,83	800	800	***		1	1.5	2	18596	2	1	57	С	
	19,83		18,83	800	800	1000	800	1	9.1	2	18597	2	1	93	С	
			19,83	800	800	800	800	1	4.7	2	18598	2	1	114	С	
	21,83		20,83	800	800	****		2	4.6	2	18599	2	1	***	EFIK	W
			21,83	800	800	****		2	7.9	2	18600	2	1	22	С	NC
-	23,83		22,83	800	800	***		2	3.1	2	63001	2	1	***	EFIK	
	28,83		27,83	800	800		1500	3	4.4	2	63002	2	1	8	CD	И
	29,83		28,83	800	800	****		2	***	2	63003	2	1	***	22	0202
	3,83	APR	1000	800	800	****		1	3.9	2	63004	2	1	75	С	JH
APR		APR		800	800	****		1	2.7	2	63005	2	1	58	CD	
	7,83	APR	1.5	800	800	****		1	13.1	2	63006	2	1	64		
APR		APR		800	800	***		1	2.0	1	63007	2	1	69	_	_
	10,83	APR		800	800	****		1	22.2	1	63008	2	1	97	С	С
-	11,83		10,83	800	800	****		1	2.6	1	63009	2	1	125		И
_APR	14,83	APR	13,83	800	800	****	***	1	7.6	1	63010	2	1	84	CD	

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	STATI	ON NA	AME : 1	NORTH EASTHOPE/DA	ILY/AEROCHEM	#03						P	AGE : 2		
	MOVAL		POSURE	VOLUME	CONDUCT.		PH		PH		TOTAL H		SULPHATE	Ε	NITRATE AS N
	DATE	1	DATE	ML	UMHO/CM		FIELD		LAB		MG/L	3	MG/L		MG/L
JAN	7,83	JAN	6,83	136.0	*****		*****		*****		****		****		*****
JAN	8,83	JAN	7,83	7.0	****		****		4.45		0.0664		*****		*****
JAN	11,83	JAN	10,83	1284.0	*****		4.49		4.72		0.0470		2.05		0.45
JAN	12,83	JAN	11,83	244.0	****		4.31		****		****		****		*****
JAN	15,83	JAN	14,83	*****	*****		*****		*****		*****		****		*****
JAN	17,83	JAN	16,83	*****	****		*****		*****		*****		****		*****
JAN	23,83	JAN	20,83	45.0	****		*****	U	3.82	G	0.2120	U	9.40		2.10
JAN	24,83	JAN	23,83	*****	*****		****		**** **		****		*****		****
JAN	25,83	JAN	24,83	45.0	****		*****		3.60	G	0.2960	9:	*****		*****
JAN	26,83	JAN	25,83	12.0	*****		*****		*****		*****		*****		*****
JAN	27,83	JAN	26,83	*****	*****		*****		*****		*****		*****		*****
JAN	30,83	JAN	27,83	124.0	G 73.0		****		3.81		0.1908		5.05		1.40
JAN	31,83	JAN	30,83	286.0	48.9		4.02	D	4.02		0.1312		4.55		0.66
FEB	1,83	JAN	31,83	13.0	*****		*****		*****		*****		*****		****
FEB	2,83	FEB	1,83	237.0	30.7		4.22		4.17		0.0970		3.25		0.31
FEB	3,83	FEB	2,83	709.0	37.3		4.13		4.09		0.1062		2.70		0.58
FEB	5,83	FEB	4,83	47.0	并并共共共		****		3.92		0.1532		3.30		1.37
FEB	7,83	FEB	6,83	*****	****		*****		*****		*****		*****		****
FEB	8,83	FEB	7,83	10.0	*****		*****		*****		*****		*****		****
	16,83		15,83	52.0	*****		*****		4.17		0.0934		3.65		1.13
	17,83		16,83	85.0	****		****	U			0.1262	U	15.00	U	5.20
FEB	23,83	FEB	22,83	440.0	61.0		3.86		3.90		0.1498		4.60		0.80
MAR	4,83	MAR	3,83	56.0	*****		****		4.27		0.0884		8.20		2.10
MAR	7,83	MAR	6,83	198.0	33.0		4.27		4.22		0.0746		3.60		0.40
MAR	8,83	MAR	7,83	65.0	*****		*****		*****		*****		7.00		1.89
MAR	9,83	MAR		55.0	*****		*****		*****		****		8.30		1.55
	19,83		18,83	543.0	15.5		****		4.70		0.0414		1.50		0.28
	20,83		19,83	345.0	10.6		****		4.81		0.0376		1.20		0.15
	21,83		20,83	*****	*****		****		*****		*****		*****		*****
	22,83		21,83	114.0	7.5		****	U			0.0152		0.80		0.04
	23,83		22,83	*****	****		****		****		****		*****		****
	28,83		27,83	25.0	*****		*****		*****		*****		5.95		1.88
	29,83		28,83	65.0	****		*****	U			0.1400		4.75	#11	0.94
-APR	3,83	APR	The section of	189.0	*****	U	6.70	U			0.0240		3.90		1.23
APR	4,83	APR		101.0	****		*****		4.16		0.0968		5.20		0.83
APR	7,83	APR		544.0	36.3		4.30		*****		*****		3.55		0.42
APR	8,83	APR		89.0	*****		****		4.27		0.0958		3.65		0.56
	10,83		9,83	1394.0	17.5		4.72		4.66	D	0.0468		1.15		0.21
	11,83		10,83	210.0	43.8		4.29		4.17		0.1014		5.05		0.61
APR	14,83	APR	13,83	413.0	39.0	D	4.29		4.18		0.0990		3.35		0.52

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03 PAGE : 3

SIAII	ION NAME : NO	CIH EASTHOPE/D	AILY/AERUCHEM	#03			PAI-E . 3	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 7,83	JAN 6,83	****	*****	*****	****	*****	*****	*****
JAN 8,83	JAN 7,83	*****	****	*****	*****	*****	*****	0.0355
JAN 11,83	JAN 10,83	****	0.28	*****	*****	*****	*****	0.0191
JAN 12,83	JAN 11,83	****	****	*****	*****	*****	*****	*****
JAN 15,83	JAN 14,83	*****	*****	*****	*****	*****	*****	*****
JAN 17,83	JAN 16,83	*****	*****	*****	*****	*****	*****	*****
JAN 23,83	JAN 20,83	*****	U 1.22	*****	*****	*****	0.232	U 0.1514
JAN 24,83	JAN 23,83	*****	****	****	*****	****	****	*****
JAN 25,83	JAN 24,83	*****	*****	*****	*****	****	*****	0.2512
JAN 26,83	JAN 25,83	*****	*****	*****	*****	****	*****	*****
JAN 27,83	JAN 26,83	*****	*****	*****	*****	****	*****	*****
JAN 30,83	JAN 27,83	0.32	0.59	0.070	0.115	0.250	0.650	0.1549
JAN 31,83	JAN 30,83	0.08	0.15	0.015	0.035	0.050	0.720	D 0.0955
FEB 1,83	JAN 31,83	*****	*****	*****	****	*****	*****	*****
FEB 2,83	FEB 1,83	0.17	0.29	0.015	0.160	0.165	0.164	0.0676
FEB 3,83	FEB 2,83	0.08	0.36	0.015	0.090	0.155	0.244	0.0813
FEB 5,83	FEB 4,83	****	0.91	****	****	*****	*****	0.1202
FEB 7,83	FEB 6,83	*****	并并并并接	*****	****	****	*****	*****
FEB 8,83	FEB 7,83	*****	*****	****	*****	****	*****	*****
FEB 16,83	FEB 15,83	*****	0.53	*****	*****	****	*****	0.0676
FEB 17,83	FEB 16,83	1.02	U 1.40	0.170	0.175	0.470	*****	U 0.1072
FEB 23,83	FEB 22,83	0.12	0.22	0.025	0.030	0.065	0.550	0.1259
MAR 4,83	MAR 3,83	****	0.52	*****	****	****	*****	0.0537
MAR 7,83	MAR 6,83	0.50	0.38	0.095	0.075	0.230	*****	0.0603
MAR 8,83	MAR 7,83	****	U 1.30	U 0.400	U 0.380	U 0.790	*****	*****
MAR 9,83	MAR 8,83	*****	U 0.86	*****	*****	*****	*****	*****
MAR 19,83	MAR 18,83	0.15	0.29	0.045	0.080	0.200	0.218	0.0200
MAR 20,83	MAR 19,83	0.06	0.09	0.010	0.055	0.070	0.232	0.0155
MAR 21,83	MAR 20,83	*****	*****	****	****	****	****	*****
MAR 22,83	MAR 21,83	0.89	0.07	U 0.275	0.025	0.060	<w 0.002<="" td=""><td>U 0.0001</td></w>	U 0.0001
MAR 23,83	MAR 22,83	****	*****	*****	*****	*****	*****	*****
MAR 28,83	MAR 27,83	*****	U 1.23	*****	****	*****	*****	*****
MAR 29,83	MAR 28,83	0.25	0.27	0.060	0.060	0.105	*****	U 0.0933
-APR 3,83	APR 2,83	U 2.00	U 1.37	U 0.500	U 0.760	U 0.910	0.520	U 0.0051
APR 4,83	APR 3,83	0.40	0.64	0.090	U 0.430	0.470	*****	0.0692
APR 7,83	APR 6,83	0.30	0.24	0.040	D 0.180	0.180	0.170	*****
APR 8,83	APR 7,83	0.32	0.25	0.080	0.130	0.155	*****	0.0537
APR 10,83	APR 9,83	0.09	0.06	0.005	0.035	0.030	0.164	0.0219
APR 11,83	APR 10,83	0.28	0.35	0.050	0.215	0.250	0.800	0.0676
APR 14,83	APR 13,83	0.20	0.25	0.035	0.110	U 0.160	0.264	0.0661

STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03

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REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END	PRECIP START/END	SAMPLE TYPE	GAUGE DEPTH(MM)	GAUGE TYPE	SAMPLE	PROJECT CODE	SUBPROJECT CODE	SAMPLER EFFICI-		ENTS OFFICE
		HR. HR.	HR. HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
				02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
			03-	COMP/04-0	THER							
			2000 00000 - 00000 0000000									
APR 15,83		800 800	800 1600	1	16.4	1	63011	2	1	99	D	
APR 17,83	APR 16,83	800 800	**** ****	3	0.6	1	63012	2	1	51	C	-
APR 18,83	APR 17,83	800 800	**** ****	3	7.4	2	63013	2	1	74	_	J
APR 27,83	APR 26,83	800 800	2300 2400	1	3.0	1	63014	2	1	56	С	
APR 29,83	APR 28,83	800 800	1000 1800	1	14.2	1	63015	2	1	102	C	
APR 30,83	APR 29,83	800 800	*** ***	1	***	1	63016	2	1	****	CD	
MAY 1,83	APR 30,83	800 800	**** ****	1	14.4	1	63017	2	1	107		
MAY 2,83	MAY 1,83	800 800	**** ****	1	16.6	1	63018	2	1	79		
MAY 3,83	MAY 2,83 MAY 3,83	800 800 800 800	1330 2000 1200 1600	900	26.2	1	63019	2	1	94	C D	
MAY 4,83			**** ****	1	5.0	1	63020	2		85		M
MAY 5,83 MAY 7,83	MAY 4,83 MAY 6,83	800 800 800 800	**** ****	1	2.2 1.4	1	63021 63022	2	1	30 57	CD	N
MAY 8,83	MAY 7,83	800 800	**** ****	1	15.8	1	63023	2	1	90		
		800 800	**** ****	_					1		C	
MAY 15,83	MAY 14,83	800 800	**** ****	1	13.2	1	63024	2	1	97	С	
MAY 20,83	MAY 19,83		**** ****	1	15.2		63025		250	207		N
	MAY 22,83	800 800 800 800	**** ****	1	9.4	1	63026	2	1	93		
MAY 26,83	MAY 25,83		1100 1700	1	7.0 19.8	1	63027	2	1	80	A	
MAY 30,83							63028			100		
MAY 31,83	MAY 30,83 MAY 31,83	800 800 800 800	1600 1700 1200 1800	1	0.3	1	63029	2	1 1	77	C	
JUN 1,83	청어님이 있는데 그렇게 하여지 않았다.			1	13.0		63030	2	100	98	C	
JUN 4,83	JUN 3,83	800 800 800 800	**** ****	1	8.0	1	63031	2	1	81		
JUN 5,83	JUN 4,83			1:	4.0	1	63032	2	1	98		
JUN 6,83 JUN 7,83	JUN 5,83	800 800	**** ****	1	4.3	1	63033	2	1	103 U 250		
	JUN 6,83	800 800	800 1200	1	3.6	1	63034	2	(A)		Р	N
JUN 10,83	JUN 9,83	800 800	**** ****	27	0.9	1	63035	2	1	36		N
JUN 28,83	JUN 27,83 JUN 30,83	800 800	**** ****	1	34.8	1	63037	2	1	101		
JUL 1,83 JUL 5,83	JUL 4,83	800 800 800 800	1700 1900 **** ****	1	3.9 43.6	1	63038 63039	2	1	88	C D	
JUL 29,83	JUL 28,83	800 800	100 800	1	82.4	1	63040	2	1	105 103	C	
JUL 30,83	JUL 29,83	800 800	800 1200	1	5.2	1	63041	2	1	88	CD	
JUL 31,83	JUL 30,83	800 800	**** ****	1	22.1	1	63042	2	1	101	C	
-AUG 1,83	JUL 31,83	800 800	**** ****	1	6.3	1	63042	2	1	97	CD	
AUG 4,83	AUG 3,83	800 800	**** ****	1	13.0	1	63044	2	1	99	CD	
AUG 5,83	AUG 4,83	800 800	**** ****	1	5.2	. 1	63045	2	1	97	С	
AUG 9,83	AUG 8,83	800 800	**** ****	1	11.1	2	63046	2	1	94	C	J
AUG 11,83	AUG 10,83	800 800	2330 800	1	23.2	1	63047	2	1	90		5
AUG 12,83	AUG 11,83	800 800	800 800	1	9.0	1	63048	2	1	95		М
AUG 18,83	AUG 17,83	800 800	1700 1800	1	1.2	1	63050	2	1	81		
AUG 22,83	AUG 21,83	800 800	2300 200	1	15.0	1	63052	2	1	116		J
AUG 26,83		800 806	600 730	1	3.6	î	63049	2	1	61		5
manus 20,03	AUG 23,03	500 000	300 730	*	3.0	-	03049		1	0.1		

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ST	TION NAME : NO	RTH EASTHOPE/DA	ILY/AEROCHEM	#03				PAGE : 5	
REMOVAL	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD		PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
DATE	DATE	ML	UNHO/CM	FIELD		LAD	MG/L	MG/L	MG/L
APR 15,8	33 APR 14,83	1042.0	25.3	4.66		4.43	0.0634	2.75	0.32
APR 17,8	33 APR 16,83	20.0	*****	****		4.34	0.0820	*****	*****
APR 18,8	33 APR 17,83	354.0	13.1	U 5.37		4.92	0.0344	1.15	0.38
APR 27,8	33 APR 26,83	108.0	*****	****	U	7.28	0.0200	4.20	0.53
APR 29,8	33 APR 28,83	929.0	19.1	4.47		4.68	0.0448	2.40	0.33
APR 30,8	33 APR 29,83	40.0	*****	****		3.67	G 0.2820	*****	*****
MAY 1,8		989.0	17.9	4.44		4.51	0.0520	1.65	0.20
MAY 2,8		848.0	18.7	4.34		4.44	D 0.0540	1.80	D 0.14
MAY 3,8	33 MAY 2,83	1585.0	20.9	4.42		4.55	0.0496	2.55	0.35
MAY 4,8	3 MAY 3,83	274.0	20.1	4.33		4.43	0.0584	2.25	0.12
MAY 5,8	33 MAY 4,83	43.0	*****	****	G	5.63	0.0304	4.45	1.67
MAY 7,8	33 MAY 6,83	52.0	****	*****	U	5.73	0.0278	7.30	0.79
MAY 8,8	33 MAY 7,83	916.0	17.6	4.58		4.71	0.0436	2.30	0.23
MAY 15,8	33 MAY 14,83	829.0	29.9	4.31		4.55	0.0620	4.15	0.50
MAY 20,8	33 MAY 19,83	2019.0	15.0	4.44		4.65	0.0454	1.70	0.10
MAY 23,8	33 MAY 22,83	565.0	41.1	4.02		4.15	0.1046	3.75	0.49
MAY 26,8	33 MAY 25,83	359.0	31.4	4.06	U	4.29	0.0786	U 2.95	0.39
MAY 30,8	33 MAY 29,83	1278.0	37.9	4.08		4.23	0.0914	3.65	D 0.54
MAY 31,8	33 MAY 30,83	15.0	*****	****	G	5.26	0.0364	****	****
JUN 1,8	33 MAY 31,83	817.0	19.4	4.51		4.58	D 0.1376	1.95	0.24
JUN 4,8	33 JUN 3,83	418.0	32.5	4.09		4.21	0.0874	3.00	0.32
JUN 5,8	33 JUN 4,83	252.0	32.1	4.13		4.24	0.0836	3.15	0.34
JUN 6,8	33 JUN 5,83	284.0	9.8	4.66	G	5.11	0.0286	1.20	0.16
JUN 7,8	33 JUN 6,83	577.0	2.6	G 5.48	G	5.83	0.0222	0.20	0.02
JUN 10,8	33 JUN 9,83	21.0	*****	*****		4.77	0.0658	****	****
JUN 28,8	33 JUN 27,83	2273.0	28.1	D 4.14		4.29	0.0746	3.10	0.27
JUL 1,8	33 JUN 30,83	222.0	*****	3.92		4.02	0.1288	4.65	0.57
JUL 5,8	33 JUL 4,83	2945.0	11.7	4.68		4.86	0.0348	1.80	0.17
JUL 29,8	33 JUL 28,83	5478.0	21.3	4.38		4.46	0.0552	2.50	0.24
JUL 30,8	33 JUL 29,83	295.0	42.5	4.08		4.17	0.0948	4.15	0.79
JUL 31,8	33 JUL 30,83	1444.0	20.3	4.25		4.45	0.0564	1.90	0.16
AUG 1,8	33 JUL 31,83	395.0	39.5	4.08		4.20	0.0892	4.25	0.54
AUG 4,8	33 AUG 3,83	830.0	31.0	4.11		4.25	0.0736	2.95	0.39
_AUG 5,8	33 AUG 4,83	326.0	56.0	4.09	*	*****	****	8.65	0.78
AUG 9,8	33 AUG 8,83	669.0	16.0	U 5.76	U	6.89	0.0194	2.75	0.42
AUG 11,8		1345.0	39.3	3.88		4.28	0.0960	3.65	0.51
AUG 12,8		551.0	34.0	3.92		4.28	0.0900	3.25	0.29
AUG 18,8	33 AUG 17,83	63.0	*****	*****	U	3.72	0.2560	U 14.60	1.56
AUG 22,8		1123.0	31.5	3.76		4.30	0.0778	3.30	0.41
AUG 26,8	33 AUG 25,83	142.0	22.6	****		4.45	0.0616	2.05	0.45

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03

ST	ATION NAME : N	ORTH EASTHOPE/DA	AILY/AEROCHEM	#03	82		PAGE : 6	
REMOVA		CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
2011		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
APR 15,	83 APR 14,83	0.44	0.17	0.045	0.050	0.100	0.206	0.0372
APR 17,	83 APR 16,83	*****	*****	****	****	*****	****	0.0457
APR 18,	83 APR 17,83	0.23	0.12	0.045	0.040	0.055	0.380	0.0120
APR 27,	83 APR 26,83	U 2.55	0.38	U 0.550	0.145	0.240	****	U 0.0001
APR 29,	83 APR 28,83	0.39	0.08	0.085	0.030	0.055	0.440	0.0209
APR 30,	83 APR 29,83	*****	****	****	****	*****	****	0.2138
MAY 1,	83 APR 30,83	0.03	0.03	0.020	0.035	0.045	0.184	0.0309
MAY 2,	83 MAY 1,83	0.09	0.06	0.015	0.040	0.040	0.168	0.0363
MAY 3,	83 MAY 2,83	0.37	0.19	0.060	0.070	0.130	0.470	0.0282
MAY 4	83 MAY 3,83	0.18	0.08	0.035	0.070	0.055	0.162	0.0372
	83 MAY 4,83	*****	0.66	****	*****	*****	*****	G 0.0023
- 17	83 MAY 6,83	*****	0.56	*****	*****	*****	*****	U 0.0019
	83 MAY 7,83	0.37	0.18	0.070	0.030	0.095	0.326	0.0195
MAY 15,	4	0.35	0.19	0.080	0.065	0.085	1.070	0.0282
MAY 20,	'성상)) · [[[[[[[]] [[]] [[]] [[]] []]] [[[]] [[]] [[]] [[]] [[]] [[[]] [[]]] [[[]] [[]] [[]] [[]] [[]] [[]] [[]] [[]] [[]] [[[]] [[]] [[]] [[]] [[]] [[]] [] [[[]]] [[[]] [[]] [[]] [[[]]] [[[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[[]]] [[[]]] [[[]]] [[[]]] [[]] [[[]]] [[[[]]]] [[[[]]] [[[]]] [[[]]] [[[[]]	0.11	0.08	0.030	0.020	0.035	0.202	0.0224
MAY 23,		0.09	0.18	0.025	0.035	0.045	0.560	0.0708
MAY 26,		0.23	0.14	0.040	0.050	0.055	0.400	U 0.0513
MAY 30,		0.25	D 0.16	0.055	D 0.055	0.075	D 0.610	0.0589
MAY 31,		*****	*****	*****	*****	*****	*****	G 0.0055
The state of the s	83 MAY 31,83	0.19	0.14	0.035	0.045	0.045	0.360	0.0263
	83 JUN 3,83	0.13	0.10	0.035	0.035	0.040	0.126	0.0617
	83 JUN 4,83	0.22	0.12	0.045	0.095	0.125	0.352	0.0575
	83 JUN 5,83	0.14	0.22	0.040	0.095	0.140	0.242	G 0.0078
	83 JUN 6,83	0.07	0.10	0.025	0.055	0.095	0.036	G 0.0015
JUN 10,		*****	*****	*****	*****	*****	*****	0.0170
JUN 28,		0.15	0.07	0.030	0.015	0.020	0.290	0.0513
	83 JUN 30,83	0.29	0.21	0.075	0.020	0.065	0.120	0.0955
	83 JUL 4,83	0.25	0.15	0.045	0.040	0.075	0.246	0.0138
JUL 29,		0.26	0.11	0.050	0.030	0.045	0.236	0.0347
JUL 30,		0.68	0.27	0.095	0.060	0.105	0.370	0.0676
JUL 31,		<t 0.02<="" td=""><td>0.06</td><td>0.015</td><td>0.025</td><td>0.015</td><td>0.154</td><td>0.0355</td></t>	0.06	0.015	0.025	0.015	0.154	0.0355
	83 JUL 31,83	0.15	0.13	0.040	0.035	0.035	0.610	0.0631
2000 CO. CO.	83 AUG 3,83	0.22	0.16	0.055	0.040	0.055	0.206	0.0562
	83 AUG 4,83	0.35	0.15	0.085	0.045	0.040	1.110	*****
	83 AUG 8,83	1.08	0.18	0.185	0.070	0.030	0.720	U 0.0001
AUG 11,		0.18	0.21	0.035	0.040	0.055	0.460	0.0525
AUG 12,	하는 것이 없는 그 사는 아이들이 살이 되었다면 하는 것이 없다면 하는 것이 없다면 하는 것이 없다면 하는 것이 없다면 하는데	0.10	0.10	0.015	0.015	0.020	0.164	0.0525
AUG 12,	"생활하다 - "보통하면서 이자리는 "회사되었다.	U 1.97	0.37	0.300	0.085	0.090	0.990	U 0.1905
AUG 22,		0.25	0.09	0.035	0.025	0.045	0.268	0.0501
AUG 26,		0.21	0.13	0.030	0.050	0.080	0.274	0.0355
AUG 26,	03 AUG 25,83	0.21	0.13	0.030	0.050	0.000	0.274	0.0333

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STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03

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REI	MOVAL	EX	POSURE	SAMI	PLING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMP	IENTS
1	DATE	1	DATE	STAR	T/END	STAR	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
					HR.	HR.		01-RAIN		01-STD.		02-APIOS	01-M0E	ENCY	G SECURITION	
								02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(Z)		
							03-	COMP/04-0	THER	or marmen		os or Lorne	os neo	,		
							03	COIII / O T O	THER							
AUG	31,83	AUG	30,83	800	800	830	2000	1	17.1	1	63053	2	1	91		J
	7,83	SEP		800	800	900		1	16.8	1	63054	2	1	88		
	11,83		10,83	800	800		****	î	4.1	î	63055	2	î	83		J
	16,83		15,83	800	800	100		1	3.8	1	63063	2	1	68		5
	17,83		16,83	800	800		1700	1	22.2	1	63062	2	1	98		
												2	1			
	19,83		18,83	800	800		1200	1	16.0	1	63061			100		
	21,83		20,83	800	800	800	800	1	33.0	1	63060	2	1	103		J
	22,83		21,83	800	800	200	800	1	1.0	1	63059	2	1	45		N
	23,83		22,83	800	800	800	600	1	19.9	1	63058	2	1	95		JC
	24,83		23,83	800	800		1800	1	1.6	1	63057	2	1	54		
SEP	26,83	SEP	25,83	800	800	1800	100	1	1.1	1	63056	2	1	39		NT
OCT	5,83	OCT	4,83	800	800	2000	2100	1	1.7	1	63069	2	1	32		N
OCT	6,83	OCT	5,83	800	800	1600	500	1	4.6	1	63068	2	1	85		J
OCT	7,83	OCT	6,83	800	800	1030	1200	1	1.8	1	63067	2	1	71		
OCT	9,83	OCT	8,83	800	800	***	****	1	7.6	1	63066	2	1	85		
OCT	12,83	OCT	11,83	800	800	2200	800	1	6.8	1	63065	2	1	81		
OCT	13,83	OCT	12,83	800	800	800	600	1	9.0	1	63064	2	1	76		
OCT	14,83	OCT	13,83	800	800	****	****	1	11.0	1	63070	2	1	89	В	J
	15,83		14,83	800	800	****	****	3	1.0	1	63071	2	1	37	С	N
	17,83		16,83	800	800		1600	1	3.0	1	63072	2	1	81		НМ
	23,83		22,83	800	800	1300		ī	22.0	1	63073	2	1	91		JC
	24,83		23,83	800	800		****	4	1.0	1	63074	2	1	15	E	N
	26,83		25,83	800	800		****	i	2.2	î	63075	2	1	73	-	
	2,83	NOV		800	800	2200		1	8.7	1	63076	2	1	88	С	J
NOA		NOA		800	800		****	1	10.0	1	63077	2	i	90	C	j
			2,83										V-000			J
NOA		NOA	3,83	800	800		****	2	0.2	1	63078	2	1	****	E	
	11,83		10,83	800	800	100	800	1	13.3	1	63079	2	1	87		
	12,83		11,83	800	800		****	2	4.6	1	63080	2	1	U 53	FC	
	16,83		15,83	730	730		****	3	10.0	1	63081	2	1	85	CD	J
	17,83		16,83	730	730		****	2	4.2	1	63082	2	1	30	CD	N
-	20,83		19,83		1000	2100		1	1.3	2	63083	2	1	56	CD	
MOA	21,83	NOA	20,83	1000	700	1030	2130	1	5.6	2	63084	2	1	84	C	J
NOA	24,83	MOA	23,83	800	800	****	****	1	7.1	2	63085	2	1	U 23	GD	
NOA	26,83	NOA	25,83	800	1200	800	1400	2	0.6	2	63087	2	1	10	E	N
NOA	28,83	VON	27,83	800	800	***	****	1	4.2	2	63088	2	1	151		NJ
VON	29,83	NOA	28,83	800	800	****	****	1	10.4	2	63089	2	1	97	C	JHM
DEC	1,83	NOV	30,83	800	800	800	800	2	8.4	2	63090	2	1	12	C	N
DEC	2,83	DEC	1,83	800	800	***	****	2	***	*	63091	2	1	****	E	
DEC		DEC	3,83		1200	***	****	3	3.2	2	63092	2	1	83		
DEC		DEC		800		****	***	2	15.8	2	63093	2	1	72		
	-,			200			1225	-		1.57	03073		-			

STA	TION NAME	: NORTH EASTH	OPE/DAILY/AEROCH	EM #03				PAGE : 8	
REMOVAL DATE	EXPOSU		ME CONDUC	T. PH FIELD		PH LAB	TOTAL TO PH8		E NITRATE AS N
DATE.		ML	UNHO/				MG/L	MG/L	MG/L
AUG 31,8		5 GMT 0 - 1776 MEM 1776 ME				4.80	0.0392	1.80	0.34
SEP 7,8		Southern Street, Stree				4.26	0.0880	4.35	0.32
SEP 11,8						0.00	0.0244	3.15	0.62
SEP 16,8	3 SEP 15					4.06	0.0890	3.70	0.91
	3 SEP 16					4.23	0.0754	3.30	0.29
SEP 19,8						4.10	0.0888	4.80	0.52
SEP 21,8						4.76	0.0250	1.20	0.09
SEP 22,8						4.73		1.20	0.41
SEP 23,8	3 SEP 22			4.61	U		0.0136	0.65	0.09
SEP 24,8				****	U		*****	0.40	0.02
SEP 26,8	3 SEP 25	,83 28.0	0 *****	*****		4.10	0.0752	5.00	0.72
OCT 5,8					U	0.000	0.0208	10.00	1.28
OCT 6,8					U		0.0230	1.00	0.28
OCT 7,8		N. TOPO					0.0166	1.25	0.14
OCT 9,8	3 OCT 8	,83 418.0				4.77	0.0376	2.70	0.40
OCT 12,8	3 OCT 11	,83 355.0	0 15.5			4.54	0.0476	1.50	0.24
OCT 13,8	3 OCT 12	,83 444.1	0 17.0	4.17		4.54	0.0518	1.95	0.22
OCT 14,8	3 OCT 13			3.60		4.99		2.00	0.21
OCT 15,8	3 OCT 14	,83 24.1	0 *****	****	U		0.0254	*****	*****
OCT 17,8	3 OCT 16	,83 157.	0 30.1			4.38	0.0764	3.90	0.37
OCT 23,8	3 OCT 22	,83 1284.0			G	5.17	0.0306	1.30	0.18
OCT 24,8	3 OCT 23			*****		****	****	*****	*****
OCT 26,8	3 OCT 25	,83 103.	0 39.5	*****		4.19	0.1042	4.05	0.74
NOV 2,8	3 NOV 1						0.1490	6.05	1.56
1:0V 3,8	3 NOV 2			3.72		4.40	0.0738	3.30	0.31
110V 4,8	3 NOV 3	,83 ****	*****			*****	*****	*****	****
1:0V 11,8	3 NOV 10	,83 747.	0 17.2			4.66	0.0424	1.60	0.23
NOV 12,8				*****	U		0.0132	0.45	<w 0.01<="" td=""></w>
1107 16,8	3 NOV 15	,83 551.0	0 17.0	3.86	D	4.60	D 0.0494	0.90	0.48
1:0V 17,8							0.0286	1.70	0.56
110V 20,8							D 0.1864	D 7.20	2.03
MOV 21,8	3 NOV 20	,83 303.0	0 27.0	U 3.18		4.44	0.0608	3.00	0.37
110V 24,8	3 NOV 23	,83 105.0	0 32.5	****		4.28	0.0760	2.80	0.49
110V 26,8	3 NOV 25	,83 4.1	0 *****	****		*****	*****	*****	*****
110V 28,8	3 NOV 27					4.76	0.0362	1.20	0.24
110V 29,8	3 NOV 28	,83 652.1	0 24.8	U 3.16		4.39	0.0630	3.30	0.35
DEC 1,8	3 NOV 30	,83 66.1	*****	英英英英	U	7.95	0.0110	1.25	0.29
DEC 2,8	3 DEC 1	,83 5.0	0 ******	米米米米米		****	米米长光米米	长长长头头	*****
DEC 4,8	3 DEC 3	,83 172.0	0 10.5	****		4.97	0.0294	1.50	0.12
DEC 6,8	3 DEC 5	,83 737.1	9.0	****		4.90	0.0312	0.75	0.16

STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03 PAGE : 9

REMOVAL		RE CALCIU	JM CHLORI	DE MAGNES	IM POTASS	IM	SODIUM		AMMONIUM AS N		FREE H+
DAIL	DATE	MG/I	MG/L	MG/L	MG/L		MG/L		MG/L		MG/L
AUG 31,8	[[[[[[[[[[[[[[[[[[[[[6 0.05	0.030			0.015		0.450		0.0158
SEP 7,8	83 SEP 6,	0.18	0.08	0.020	0.035		0.050		0.460		0.0550
SEP 11,	83 SEP 10,	0.92	2 0.22	0.220	0.075		0.170		0.660	U	0.0010
SEP 16,8	83 SEP 15,	33 0.41	0.50	0.095	0.140		0.225		0.304		0.0871
SEP 17,8	83 SEP 16,	33 0.12	0.06	0.010	0.020	<w< td=""><td>0.005</td><td></td><td>0.410</td><td></td><td>0.0589</td></w<>	0.005		0.410		0.0589
SEP 19,8	83 SEP 18,	33 0.32	0.16	0.035	0.060		0.060		0.450		0.0794
SEP 21,8	83 SEP 20,	0.11	L 0.04	0.010	0.020	D	0.025		0.096		0.0174
SEP 22,8	83 SEP 21,	33 ****	€ 0.24	*****	*****		*****		*****		0.0186
SEP 23,8	83 SEP 22,	0.15	5 0.03	0.020	0.025	<t< td=""><td>0.010</td><td></td><td>0.190</td><td>U</td><td>0.0018</td></t<>	0.010		0.190	U	0.0018
SEP 24,8	83 SEP 23,	33 ****	₹ 0.09	*****	****		*****		****	U	0.0000
SEP 26,8	83 SEP 25,	33 *****	0.24	*****	*****		*****		****		0.0794
OCT 5,8	83 OCT 4,	33 ****	0.47	*****	*****		*****		*****		0.0001
OCT 6,8	83 OCT 5,	0.22	2 0.06	0.040	0.030		0.040		0.420	U	0.0020
OCT 7,8	83 OCT 6,	0.20	0.14	U 0.360	0.075		0.060		*****	U	0.0000
OCT 9,8	83 OCT 8,	33 0.77	7 0.06	0.075	0.055		0.020		0.380		0.0170
OCT 12,8	83 OCT 11,	33 0.08	3 0.08	0.005	0.040		0.050		0.196		0.0288
OCT 13,8	83 OCT 12,	0.12	0.10	0.020	0.050		0.050		0.258		0.0288
OCT 14,8	83 OCT 13,	0.42	0.11	U 0.205	0.090		0.060		0.088		0.0102
OCT 15,8	83 OCT 14,	33 ****	*****	*****	*****		*****		*****	U	0.0002
OCT 17,8	83 OCT 16,	0.37	7 0.28	0.075	0.055		0.080		0.224		0.0417
OCT 23,8	83 OCT 22,	0.24	4. 0.09	0.080	0.050		0.120		0.096	G	0.0068
OCT 24,8	83 OCT 23,	33 ****	*****	*****	****		*****		*****		*****
OCT 26,8	83 OCT 25,	0.16	6 0.27	0.030	0.050		0.070		0.530		0.0646
NOV 2,8	83 NOV 1,	0.37	7 0.30	D 0.090	0.145		0.250	U	1.270	U	0.0912
NOV 3,8	83 NOV 2,	0.10	0.10	0.010	0.075		0.100		0.380		0.0398
NOV 4,8	83 NOV 3,	33 ****	*****	*****	*****		*****		****		*****
NOV 11,8	83 NOV 10,	0.05	5 0.07	0.010	<t 0.015<="" td=""><td></td><td>0.020</td><td></td><td>0.236</td><td></td><td>0.0219</td></t>		0.020		0.236		0.0219
NOV 12,8	83 NOV 11,	33 ****	€ 0.07	*****	*****		*****		0.126	U	0.0000
NOV 16,8	83 NOV 15,	0.10	0.10	0.025	0.030		0.035		0.156	D	0.0251
NOV 17,8	83 NOV 16,	33 ****			*****		*****		0.510	U	0.0063
NOV 20,8	83 NOV 19,	33 ****	€ U 1.50	*****			****		*****	U	0.1413
NOV 21,8	83 NOV 20,	0.29	0.51	0.035	U 0.250		0.370		0.288		0.0363
NOV 24,8	83 NOV 23,	0.26	0.26	0.030	0.035		0.080		0.196		0.0525
-NOV 26,8	83 NOV 25,	33 *****	*****	*****	*****		*****		*****		*****
NOV 28,8	83 NOV 27,	0.19	0.10	0.015	0.025	KŢ	0.010	D	0.142		0.0174
NOV 29,8	83 NOV 28,	0.06	0.16	0.010	0.025		0.015		0.184		0.0407
DEC 1,8	83 NOV 30,	33 *****	0.27	*****	*****		*****		****	U	0.0000
DEC 2,8	83 DEC 1,	33 *****	*****	*****	****	,	*****		*****		*****
DEC 4,8	83 DEC 3,	0.10	0.07	0.020	0.020		0.030		0.238		0.0107
DEC 6,8	83 DEC 5,	0.05	0.08	0.010	<t 0.015<="" td=""><td></td><td>0.025</td><td></td><td>0.130</td><td></td><td>0.0126</td></t>		0.025		0.130		0.0126

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STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03 PAGE : 10

REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END HR. HR.	PRECIP START/END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	COMM FIELD	ENTS OFFICE
DEC 7,83	DEC 6,83	800 800	**** ****	3	29.8	2	63094	2	1	U 4	CDFI	NH
DEC 10,83	DEC 9,83	800 800	**** ****	2	0.8	2	63095	2	1	***	EIK	
DEC 13,83	DEC 12,83	800 800	2000 800	1	3.6	2	63096	2	1	408	C	N
DEC 14,83	DEC 13,83	800 800	800 1000	1	2.8	2	63097	2	1	120	CD	N
DEC 17,83	DEC 16,83	800 800	1200 800	2	5.4	2	63098	2	1	****	EIK	
DEC 18,83	DEC 17,83	800 800	800 800	2	****	2	63099	2	1	***	ID	
DEC 19,83	DEC 18,83	800 800	**** ****	2	2.0	2	63100	2	1	****	EIK	
DEC 22,83	DEC 21,83	800 800	**** ****	3	1.6	2	63101	2	1	36		N
DEC 25,83	DEC 24,83	800 800	**** ****	- 2	23.4	2	63102	2	1	***	EIK	
DEC 26,83	DEC 25,83	800 800	米米米米 米米米米	2	0.6	2	63103	2	1	574	CD	N

	STATI	ON NA	AME : N	IORTH	EASTHOPE/D	AILY/AE	ROCHEM	#03						PA	GE : 11		
	OVAL		POSURE		VOLUME	CC	NDUCT.		PH FIELD		PH LAB		TOTAL H+ TO PH8.3		SULPHATE		NITRATE AS N
					ML	t	лино/см						MG/L		MG/L		MG/L
DEC	7,83	DEC	6,83		84.0	**	****		*****	U	5.05		0.0280		0.95		0.22
DEC :	10,83	DEC	9,83	1 3	*****	*	****		****		****		****		****		****
DEC :	13,83	DEC	12,83		943.0		31.1		*****		4.21	35)	0.0876		2.65		0.52
DEC	14,83	DEC	13,83		217.0		25.1		*****		4.31		0.0736		2.20		0.48
DEC	17,83	DEC	16,83	4	****	**	****		*****		*****		*****		*****		****
DEC :	18,83	DEC	17,83		105.0		39.7		*****		4.12		0.0982		3.60		0.66
DEC :	19,83	DEC	18,83	1 4	****	*3	****		*****		*****		*****		*****		****
DEC	22,83	DEC	21,83		37.0	**	****		*****		4.18	D	0.0894		5.00	D	1.15
DEC :	25,83	DEC	24,83		*****	*3	****		*****		****		***		****		****
DEC :	26,83	DEC	25,83		221.0		8.0		*****	G	5.22		0.0226		0.60		0.24

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STATION NAME : NORTH EASTHOPE/DAILY/AEROCHEM #03

REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 7,83	DEC 6,83	0.11	U 0.32	0.025	U 0.035	U 0.215	U 0.152	U 0.0089
DEC 10,83	DEC 9,83	*****	****	*****	*****	*****	*****	*****
DEC 13,83	DEC 12,83	0.07	0.21	0.015	0.035	0.055	0.228	0.0617
DEC 14,83	DEC 13,83	0.14	0.09	0.015	0.020	0.035	0.164	0.0490
DEC 17,83	DEC 16,83	*****	*****	*****	*****	*****	*****	*****
DEC 18,83	DEC 17,83	*****	0.28	*****	****	*****	0.500	0.0759
DEC 19,83	DEC 18,83	*****	*****	*****	*****	*****	****	*****
DEC 22,83	DEC 21,83	*****	U 1.44	*****	*****	*****	*****	0.0661
DEC 25,83	DEC 24,83	*****	*****	*****	*****	*****	*****	*****
DEC 26-83	DEC 25.83	0.26	0.16	0.060	0.025	0.080	0.106	C 0 0060

PART IV

CENTRAL REGION

DAILY PRECIPITATION CHEMISTRY LISTINGS

STATION NAME : WELLESLEY/DAILY/AEROCHEM #04 PAGE : 1

	200000000		AND 100						7T 07T 0 7L II				10.000			
	MOVAL DATE		POSURE DATE	START	PLING T/END HR.	START	HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		ENTS OFFICE
							03-	-COMP/04-0	THER							
JAN	7,83	JAN	6,83	530	530	2000	500	3	4.4	2	18830	2	1	57	C	Н
JAN	11,83	JAN	10,83	530	530	830	200	1	21.2	2	18831	2	1	92		HM
	12,83		11,83	530			2130	3	***	2	18832	2	1	****		
	15,83		14,83	530		****		2	7.8	2	18833	2	1	U 27	HL	NHCM
	23,83		22,83		1130	2200		3	1.0	2	18834	2	î	U 24	CL	N
	25,83		24,83	530		***		2	1.3	. 2	18836	2	i	****	EK	
	26,83		25,83	530		***		2	2.9	2	18837	2	1	****	EK	
					1200				3.3	2	18838	2	1	100	EK	
	30,83		29,83				1200	1								
	31,83		30,83	1200		****		3	5.9	2	18839	2	1	15	D	N
FEB		FEB			1200	****		1	0.5	2	18840	.2	1	37		N
FEB					530	1200		2	18.7	2	18841	2	1	101		
FEB				530		****		2	2.8	2	18842	2	1	32	CD	И
FEB	7,83	FEB	6,83	530	530	2100	400	2	4.5	2	18843	2	1	21	D	N
FEB	15,83	FEB	14,83	530	530	200	500	1	0.3	2	18844	2	1	88	ACD	
FEB	17,83	FEB	16,83	530	530	***	****	1	0.9	2	18846	2	1	81	CD	
FEB	19,83	FEB	18,83	530	530	****	***	2	1.3	2	18847	2	1	31	D	N
FEB	23,83	FEB	22,83	530	530	1700	300	1	7.6	2	18848	2	1	100		
FEB	25,83	FEB	24,83	530	530	1630	200	2	0.4	2	18849	2	1	54	С	
	4,83		3,83	530	530	1600	1800	1	0.7	2	18850	2	1	60	D	
MAR		MAR		1100	530	1530		1	1.8	2	18852	2	1	133		N
MAR			7,83	530	530	2030		1	0.9	2	18853	2	1	133	С	N
MAR			8,83	530	530	1700		1	1.8	2	18854	2	î	76	C	
	11,83		10,83	530	530	2000		3	1.0	2	18855	2	1	99	D	
	19,83		18,83	530	530	***		1	10.5	2	18857	2	1	97	U	
													(B)			
	20,83			530		***		3	8.1	2	18858	2	1	81		
	21,83			800		****		2	2.1	2	18859	2	1	220	C	NHM
	22,83			530			1500	2	6.3	2	18860	2	1	***	EFIK	
	23,83			530			1400	2	1.8	2	18861	2	1	***	EFIK	1247
	27,83				1100	1800		2	5.2	2	18862	2	1	61	C	Н
	28,83		27,83	1100		1100		3	0.6	2	18863	2	1	106		
MAR	29,83	MAR	28,83	530			1200	3	1.1	2	18864	2	1	120	D	N
APR	3,83	APR	2,83	830	1200	****	***	1	2.3	2	18865	2	1	43	C	N
APR	4,83	APR	3,83	1200	530	****	****	1	2.9	2	18866	2	1	100		
APR	7,83	APR	6,83	530	530	200	530	1	6.9	2	18867	2	1	99		
APR	8,83	APR	7,83	530	830	530	1000	1	1.8	2	18868	2	1	120	A	N
APR	10,83	APR		830	1200	2000	100	1	27.2	1	18869	2	1	98	С	
	11,83		10,83	1200	530	1730		1	0.6	1	18870	2	1	64	1000	
	14,83		13,83	530		1800		î	6.5	î	18871	2	1	89		
	15,83		14,83	530			2300	1	20.2	î	18872	2	1	98		
-	16,83				1200	1300		3	0.4	1	18873	2	1	62	С	
=APR	10,03	APR	13,03	020	1500	1300	1500	3	0.4		100/2	۷		02	C	

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

	STATI	ON NA	AME :	WELLESLEY/DAILY/A	EROCHEM	#04					PAG	E: 2		
0.000	10VAL	1000	POSURE	VOLUME	CONDUCT.	PH FIELD		PH LAB		TOTAL H+	SI	JLPHATE		NITRATE AS N
, L	AIL		JAIL	ИL	UMHO/CM	FIELD		LAD		MG/L		MG/L		MG/L
JAN	7,83	JAN	6,83	162.0	64.0	并并并并并		4.01		0.1504		5.95		1.94
JAN	11,83	JAN	10,83	1255.0	23.1	4.33		4.41		0.0668		1.90		0.35
JAN	12,83	MAL	11,83	83.0	20.0	*****		4.49		0.0636		1.85		0.55
JAN	15,83	JAN	14,83	139.0	41.2	*****		3.84		0.1770		1.90		1.01
JAN	23,83	JAN	22,83	16.0	*****	*****		4.08		0.1084	*	****		*****
JAN	25,83	JAN	24,83	*****	****	*****	*	****		****	*	****		****
JAN	26,83	JAN	25,83	*****	****	*****	*	****		****	¥	****		****
JAN	30,83	JAN	29,83	212.0	33.5	4.19		4.11		0.1126		3.35		0.40
JAN	31,83	JAN	30,83	60.0	*****	*****		4.07		0.1188		3.65		0.70
FEB	2,83	FEB	1,83	12.0	*****	*****	*	****		****	×	****		*****
FEB	3,83	FEB	2,83	1211.0	32.0	4.17		4.14		0.1058		2.60		0.40
FEB	5,83	FEB	4,83		****	*****		3.99		0.1376		1.70		0.90
FEB	7,83	FEB	6,83	61.0	*****	*****		4.39		0.0680		0.10		0.65
FEB	15,83	FEB	14,83	17.0	*****	*****		3.98		0.1402	*	****		*****
FEB	17,83	FEB	16,83	47.0	*****	*****	U	3.66	G	0.2600		5.60	U	2.65
FEB	19,83	FEB	18,83	26.0	****	*****		4.35		0.0714	*	****		****
FEB	23,83	FEB	22,83	492.0	49.6	4.00		4.00		0.1278		3.85		0.68
FEB	25,83	FEB	24,83	14.0	*****	*****	*	****		*****	*	****		****
MAR	4,83	MAR	3,83	27.0	*****	*****		4.05		0.1174		7.80	>	2.00
MAR	7,83	MAR			42.0	****		4.14		0.0896		5.40	D	0.55
MAR	8,83	MAR			****	*****	*	****		*****		8.55		1.45
MAR	9,83	MAR			*****	*****		3.81		0.2000		5.20		1.65
MAR	11,83	MAR	10,83		*****	*****	*	****		*****		4.45		1.58
	19,83		18,83		15.1	*****		4.67		0.0414		1.50		0.31
MAR	20,83		19,83		10.4	****		4.86		0.0358		0.85		0.14
	21,83		20,83		10.7	*****	U	5.37		0.0234		1.85		0.22
	22,83		21,83		*****	****	*	****		*****	*	****		*****
	23,83		22,83		*****	*****	*	****		*****	*	****		*****
	27,83		26,83		13.5	****		4.78		0.0392		1.70		0.36
	28,83		27,83		*****	*****	*	****		*****		6.65		1.28
	29,83		28,83		*****	*****		3.85		0.1832		5.30		1.24
APR	3,83		2,83		*****	*****		3.98		0.1456		5.05		1.65
APR	4,83		3,83		*****	4.22		4.08	В	0.3060		4.40		0.74
-APR	7,83		6,83		37.7	4.26		4.16	~	0.0978		3.30		0.39
APR	8,83	APR			*****	*****		4.04		0.1374		4.50		0.78
	10,83	APR	3. 5.00		20.0	4.70		4.49		0.0590		1.55		0.29
	11,83		10,83		*****	*****	Α	3.89		*****	*	****		*****
	14,83		13,83		*****	4.09		4.03		0.1476		5.05		0.88
	15,83		14,83		22.4	4.64		4.43		0.0628		2.10		0.26
	16,83		15,83		*****	*****	*	****		*****	*	****		*****
AI II	10,03	MI II	13,00	. 10.0	nnnnnn	annan		nanan						

STATION NAME : WELLESLEY/DAILY/AEROCHEM PAGE: 3 #04 SODIUM REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM MUINOMMA FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L 0.15 0.36 0.025 0.060 0.055 U 1.510 0.0977 JAN 7,83 JAN 6,83 JAN 11,83 JAN 10,83 1.09 0.11 0.185 0.070 0.110 0.230 0.0389 JAN 12,83 JAN 11,83 0.04 0.20 0.005 <T 0.010 <T 0.005 0.480 0.0324 JAN 15,83 JAN 14,83 0.23 0.36 0.050 0.020 0.070 0.650 0.1445 JAN 23,83 JAN 22,83 ***** ***** ***** ***** ***** **** 0.0832 ***** ***** ***** ***** ***** ***** **** JAN 25,83 JAN 24,83 ***** ***** ***** ***** ***** ***** ***** JAN 26,83 JAN 25,83 0.274 0.0776 JAN 30,83 0.09 0.12 0.015 0.020 0.035 JAN 29,83 JAN 31,83 JAN 30,83 ***** 0.16 ***** ***** ***** ***** 0.0851 FEB 2,83 FEB 1,83 ***** **** ***** ***** ***** ***** **** 0.11 0.16 0.010 0.020 0.040 0.194 0.0724 FEB 3,83 FEB 2,83 FEB 5,83 FEB 4,83 ***** 0.37 ***** ***** **** ***** 0.1023 0.055 0.010 0.080 ***** 0.0407 FEB 7,83 FEB 6,83 0.05 0.19 ***** FEB 15,83 FEB 14,83 ***** ***** ***** ***** ***** 0.1047 FEB 17,83 FEB 16,83 **** 0.65 **** **** ***** ***** U 0.2188 ***** ***** **** **** 0.0447 FEB 19,83 FEB 18,83 **** ***** 0.1000 FEB 23,83 FEB 22,83 0.07 0.18 0.015 0.025 0.055 0.430 ***** ***** ***** ***** ***** FEB 25,83 FEB 24,83 ***** ***** MAR 4,83 MAR 3,83 ***** ***** ***** ***** ***** ***** 0.0891 0.53 0.44 0.105 0.085 U 0.575 0.760 0.0724 MAR 7,83 MAR 6,83 MAR 8,83 MAR 7,83 ***** U 1.36 G 0.455 U 0.300 0.710 ***** **** MAR 9,83 MAR 8,83 0.52 0.37 0.095 0.075 0.150 **** 0.1549 0.035 0.015 0.055 ***** ***** MAR 11,83 MAR 10,83 0.15 0.23 0.065 0.020 0.130 0.228 0.0214 MAR 19,83 MAR 18,83 0.22 0.19 0.020 <W 0.005 0.010 0.148 0.0138 MAR 20,83 MAR 19,83 0.07 0.03 0.030 U 0.0043 MAR 21,83 MAR 20,83 0.96 0.06 U 0.310 0.015 0.154 MAR 22,83 MAR 21,83 ***** ****** **** ***** **** ***** ***** ***** ***** ***** ***** ***** ***** **** MAR 23,83 MAR 22,83 0.025 0.254 MAR 27,83 MAR 26,83 0.60 0.33 0.135 0.180 0.0166 MAR 28,83 MAR 27,83 ***** 0.40 ***** ***** ***** ***** ***** 0.035 0.020 0.075 ***** MAR 29,83 MAR 28,83 0.17 0.28 0.1413 APR 3,83 APR 2,83 1.14 0.44 U 0.260 0.060 0.160 **** 0.1047 APR 4,83 APR 3,83 0.03 0.18 0.020 0.060 0.130 0.630 0.0832 0.010 0.040 0.040 0.130 APR 7,83 APR 6,83 0.18 0.06 0.0692 0.21 0.18 0.015 0.055 0.060 0.600 0.0912 APR 8,83 APR 7,83 D 0.015 APR 10,83 APR 9,83 0.10 D 0.07 <W 0.005 0.030 0.144 0.0324 APR 11,83 APR 10,83 ***** ***** ***** ***** **** ***** A 0.1288 APR 14,83 APR 13,83 0.20 0.20 0.030 0.045 0.045 D 0.580 0.0933 APR 15,83 APR 14,83 0.19 0.11 D 0.015 0.035 0.040 0.170 0.0372

APR 16,83 APR 15,83

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

SEP 16,83 SEP 15,83

SEP 17,83 SEP 16,83

530

530

530 830

100

530

530

900

1

1

2.0

23.1

18909

18922

1

STATION NAME : WELLESLEY/DAILY/AEROCHEM #04 PAGE: 4 REMOVAL **EXPOSURE** SAMPLING PRECIP SAMPLE SAMPLE PROJECT SUBPROJECT SAMPLER GAUGE GAUGE COMMENTS DATE DATE START/END START/END TYPE TYPE NUMBER CODE DEPTH(MM) CODE EFFICI- FIELD OFFICE HR. HR. HR. HR. 01-RAIN 02-APIOS 01-M0E ENCY 01-STD. WONS-20 02-NIPHER 03-SPECIAL 03-AES (2) 03-COMP/04-OTHER APR 18,83 APR 17,83 1100 530 **** 2 5.1 2 18874 1 45 D N 2 APR 27,83 APR 26,83 530 530 2400 400 0.6 2 18875 2 1 U 213 CDP APR 29,83 APR 28,83 530 530 **** **** 10.3 1 18876 1 117 C APR 30,83 APR 29,83 530 900 2300 900 1 4.1 1 18877 2 1 68 CD APR 30,83 MAY 1,83 900 1200 长长长长 长长长长 1 19.4 1 18878 2 1 98 MAY 1,83 99 MAY 2,83 1200 530 **经**经经 经经经帐 16.2 1 18879 1 MAY 3,83 MAY 2,83 530 530 530 1800 22.4 1 18880 1 83 C 2 3,83 530 MAY 4,83 MAY 530 **** **** 5.8 1 18881 85 AC 530 530 MAY 5,83 MAY 4,83 2000 2300 3.7 1 18882 96 A MAY 7,83 MAY 6,83 530 530 1600 1900 1.3 18883 1 69 1 2 MAY 7,83 C MAY 8,83 530 1130 1930 2215 17.3 1 18884 96 MAY 14,83 530 1030 MAY 15.83 **米米米米 米米米米** 11.3 18885 2 1 99 AC Н MAY 20,83 MAY 19,83 530 530 1400 2100 33.6 18886 1 98 1 2 MAY 23,83 MAY 22,83 800 1000 1030 1300 5.4 18887 2 91 MAY 26,83 MAY 25,83 530 1130 **装装装装 装装装装** 6.8 1 18888 1 89 D MAY 30,83 MAY 29,83 530 530 1300 1600 15.0 18889 1 103 1 2 JUN 1,83 MAY 31,83 530 530 1300 1730 13.9 18890 1 97 JUN 4,83 JUN 3,83 530 900 1630 100 7.7 18891 1 100 JUN 5,83 JUN 4,83 900 930 **新茶茶 茶茶茶** 3.0 1 18892 2 1 101 JUN 7,83 JUN 6,83 530 530 600 1300 1 12.8 18893 102 HC 1 1 JUN 28,83 530 930 1500 830 JUN 27,83 31.5 18896 1 101 JUL 1,83 JUN 30,83 530 930 **** **** 3.1 18897 1 92 1 2 JUL 5,83 JUL 4,83 530 530 1630 2100 25.8 18898 103 1 1 2 1 JUL 18,83 JUL 17,83 530 530 1630 1830 12.1 18899 94 1 J JUL 22,83 JUL 21,83 530 530 1515 1530 1 1.3 18900 1 49 N 2 JUL 29,83 JUL 28,83 530 530 2100 530 1 37.0 18902 105 2 1 JUL 30,83 JUL 29,83 530 530 530 1000 7.6 18903 88 J JUL 31,83 JUL 30,83 830 1130 200 600 20.5 1 18904 1 103 JM 2 AUG 1,83 JUL 31,83 1130 1130 300 530 8.2 18905 97 1 1 2 1 C AUG 4,83 AUG 3,83 530 530 2300 530 9.8 18906 1 99 М AUG 5,83 AUG 4,83 530 800 530 1900 2.6 18907 2 1 88 MAUG 12,83 AUG 6,83 530 530 100 400 19.3 1 18908 2 1 U 246 ACP NY6 AUG 18,83 AUG 17,83 530 530 1630 1730 1 1.1 18912 1 69 AUG 22,83 AUG 21,83 530 530 300 530 17.0 18913 35 NJ -1 1 2 1 AUG 23,83 AUG 22,83 530 530 530 700 1 1.2 1 18911 1 36 2 N 800 930 AUG 31,83 AUG 30,83 530 530 1 23.8 1 18915 1 94 JC SEP 7,83 SEP 6,83 530 530 800 930 1 10.5 90 1 18916 2 1 J SEP 10,83 SEP 9,83 530 530 2330 220 1 5.9 1 89 18917 2 1 J

STATION NAME : WELLESLEY/DAILY/AEROCHEM #04 PAGE: 5 REMOVAL **EXPOSURE** VOLUME PH CONDUCT. PH TOTAL H+ SULPHATE NITRATE DATE DATE FIELD LAB TO PH8.3 AS N ML UMHO/CM MG/L MG/L MG/L APR 18,83 APR 17,83 149.0 ***** ***** 4.67 0.1330 0.46 1.15 APR 27,83 APR 26,83 82.0 ***** ***** ***** ***** 5.55 0.70 APR 29,83 APR 28,83 773.0 29.9 4.33 4.41 0.0688 3.40 0.54 APR 30,83 APR 29,83 179.0 ***** 4.35 4.47 0.1870 3.45 0.53 MAY 1,83 APR 30,83 1219.0 0.0508 18.4 4.47 4.58 1.65 0.19 0.0646 MAY 2,83 MAY 1,83 1036.0 19.8 4.25 4.38 2.10 0.22 MAY 3,83 MAY 2,83 1204.0 4.45 4/56 0.0508 2.80 21.6 0.40 MAY 4,83 MAY 3,83 317.0 21.4 4.36 4.40 0.0624 2.50 0.16 MAY 5,83 MAY 4,83 228.0 ***** 4.50 4.54 0.0618 3.30 1.19 7,83 MAY 58.0 ***** ***** 0.0268 MAY 6,83 U 6.33 8.55 0.96 MAY 8,83 MAY 7,83 1073.0 18.9 4.54 4.73 0.0458 2.70 0.27 MAY 15,83 MAY 14,83 723.0 18.0 4.54 4.91 0.0392 2.80 0.30 MAY 20,83 MAY 19,83 2124.0 14.9 4.40 4.63 0.0454 1.60 0.10 MAY 23,83 MAY 22,83 317.0 38.5 3.94 4.13 0.1068 3.10 0.31 MAY 26,83 MAY 25,83 389.0 37.1 4.00 4.20 0.0910 3.55 0.50 MAY 30,83 MAY 29,83 993.0 32.1 4.29 4.28 0.0804 2.90 0.39 JUN 1,83 MAY 31,83 872.0 15.4 4.59 4.73 0.0410 1.70 0.21 JUN 4,83 JUN 3,83 494.0 43.7 3.96 4.08 0.1282 3.75 0.49 JUN 5,83 JUN 4,83 196.0 34.0 4.11 4.22 0.0962 3.05 0.36 JUN 7,83 JUN 6,83 844.0 4.8 5.05 5.58 0.0242 0.45 0.06 JUN 28,83 **** ***** ***** JUN 27,83 2057.0 ***** **** ***** JUL 1,83 JUN 30,83 ***** 183.0 3.91 4.01 0.1320 4.80 0.60 JUL 5,83 JUL 4,83 13.8 1718.0 4.53 4.77 0.0396 1.90 0.18 JUL 18,83 JUL 17,83 735.0 19.4 4.36 4.94 0.0380 0.41 2.95 JUL 22,83 JUL 21,83 41.0 ***** ***** 7.21 0.0200 3.35 0.78 JUL 29,83 JUL 28,83 2493.0 35.0 3.91 4.40 0.0802 4.10 0.45 JUL 30,83 JUL 29,83 432.0 26.7 4.03 4.50 0.0650 2.70 0.47 JUL 31,83 JUL 30,83 3.92 0.0670 1360.0 24.2 4.45 2.15 0.22 AUG 1,83 JUL 31,83 512.0 38.8 3.92 4.31 0.0902 4.10 0.50 AUG 4,83 AUG 3,83 628.0 40.5 3.84 4.25 0.0980 3.50 0.52 AUG 5,83 AUG 4,83 148.0 60.0 ***** 4.17 0.1312 6.85 0.83 AUG 12,83 AUG 6,83 3050.0 30.0 3.97 4.37 · 0.0786 2.60 0.34 AUG 18,83 AUG 17,83 49.0 ***** ***** 3.60 G 0.3440 U 17.20 1.96 AUG 22,83 AUG 21,83 389.0 26.8 3.88 4.37 0.0704 2.90 0.38 AUG 23,83 ***** **** AUG 22,83 28.0 4.04 0.1404 7.30 1.50 AUG 31,83 AUG 30,83 1438.0 18.2 4.33 4.88 0.0376 1.55 0.29 SEP 7,83 SEP 6,83 609.0 35.5 3.69 4.23 0.0924 4.20 0.34 SEP 10,83 SEP 9,83 340.0 24.5 4.15 4.81 0.0444 3.75 0.69 SEP 16,83 SEP 15,83 49.0 ***** ***** 3.88 D 0.1854 6.50 1.90

3.91

4.24

0.0558

2.95

0.29

SEP 17,83 SEP 16,83

,

1449.0

31.0

35

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STAT	ION NAME : WI	ELLESLEY/DAILY/A	EROCHEM	#04			PAGE : 6	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
(Am. 24.70.00)		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
APR 18,83	APR 17,83	0.19	0.03	0.040	0.020	0.035	0.356	0.0214
APR 27,83	APR 26,83	U 3.25	0.25	U 0.555	0.100	0.115	*****	****
APR 29,83	APR 28,83	0.43	0.12	0.100	0.020	0.065	0.590	0.0389
APR 30,83		0.50	0.13	0.120	0.035	0.245	0.570	0.0339
MAY 1,83	APR 30,83	0.02	0.02	0.020	0.010	0.030	0.224	0.0263
MAY 2,83	MAY 1,83	0.11	0.05	0.020	0.035	0.030	0.180	0.0417
MAY 3,83	MAY 2,83	0.48	0.20	0.075	0.070	0.125	0.490	0.0275
MAY 4,83	MAY 3,83	0.14	0.03	0.025	0.030	0.015	U 0.258	0.0398
MAY 5,83	MAY 4,83	0.91	0.24	0.175	0.055	0.075	0.950	0.0288
MAY 7,83	MAY 6,83	U 2.00	0.45	U 0.505	0.085	0.135	*****	U 0.0005
MAY 8,83	MAY 7,83	0.35	0.13	0.065	0.035	0.085	0.440	0.0186
MAY 15,83	MAY 14,83	0.37	0.13	0.085	0.045	0.055	0.710	0.0123
MAY 20,83	MAY 19,83	0.08	0.05	0.020	0.015	0.040	0.240	0.0234
MAY 23,83	MAY 22,83	0.09	0.21	0.030	0.030	0.040	0.156	0.0741
MAY 26,83	MAY 25,83	0.30	0.12	0.050	0.025	0.030	U 0.570	0.0631
MAY 30,83	MAY 29,83	0.28	0.11	0.065	0.035	0.040	0.330	0.0525
JUN 1,83	MAY 31,83	0.25	0.07	0.035	0.020	0.030	0.350	0.0186
JUN 4,83	JUN 3,83	0.21	0.12	0.050	0.060	D 0.095	0.260	0.0832
JUN 5,83	JUN 4,83	0.16	0.13	0.040	<t 0.010<="" td=""><td>0.045</td><td>0.284</td><td>0.0603</td></t>	0.045	0.284	0.0603
JUN 7,83	JUN 6,83	0.10	0.05	0.025	<t 0.010<="" td=""><td>0.030</td><td>0.160</td><td>G 0.0026</td></t>	0.030	0.160	G 0.0026
JUN 28,83	JUN 27,83	*****	****	*****	*****	*****	*****	*****
JUL 1,83	JUN 30,83	0.44	0.22	0.080	0.020	0.040	0.066	0.0977
JUL 5,83	JUL 4,83	0.22	0.14	0.040	0.025	0.065	0.230	0.0170
JUL 18,83	JUL 17,83	0.68	0.20	0.135	0.035	0.055	0.480	0.0115
JUL 22,83	JUL 21,83	****	0.60	*****	****	*****	*****	U 0.0001
JUL 29,83	JUL 28,83	0.48	0.17	0.080	0.025	0.055	0.390	0.0398
JUL 30,83		0.57	0.21	0.080	0.040	0.090	0.194	0.0316
JUL 31,83	JUL 30,83	0.08	0.09	<w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.094</td><td>0.0355</td></w></td></w></td></w>	<w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.094</td><td>0.0355</td></w></td></w>	<w 0.005<="" td=""><td>0.094</td><td>0.0355</td></w>	0.094	0.0355
AUG 1,83	JUL 31,83	0.14	0.14	0.035	0.020	<t 0.010<="" td=""><td>0.700</td><td>0.0490</td></t>	0.700	0.0490
AUG 4,83	AUG 3,83	0.25	0.16	0.040	0.020	0.015	0.230	0.0562
AUG 5,83	AUG 4,83	0.39	0.20	0.090	0.035	0.030	1.190	0.0676
AUG 12,83	AUG 6,83	0.15	0.14	0.025	<w 0.005<="" td=""><td>0.010</td><td>0.214</td><td>0.0427</td></w>	0.010	0.214	0.0427
AUG 18,83	AUG 17,83	****	0.39	*****	*****	*****	0.880	U 0.2512
-AUG 22,83	AUG 21,83	0.24	0.10	0.025	0.015	0.050	0.288	0.0427
AUG 23,83	AUG 22,83	*****	0.30	****	*****	*****	*****	0.0912
AUG 31,83	김기의 이번 이 아이를 가게 있었다.	0.19	0.06	0.030	0.020	0.030	0.400	0.0132
SEP 7,83	SEP 6,83	0.20	0.08	0.025	0.030	0.035	0.420	0.0589
SEP 10,83	SEP 9,83	0.86	0.22	0.195	0.060	0.135	0.650	0.0155
SEP 16,83	SEP 15,83	*****	0.66	*****	*****	*****	0.610	0.1318
SEP 17,83	SEP 16,83	0.06	0.08	0.010	0.030	<t 0.005<="" td=""><td>0.344</td><td>0.0575</td></t>	0.344	0.0575

STATION NAME: WELLESLEY/DAILY/AEROCHEM #04 PAGE: 7

REMOVAL	EXPOSURE	SAMPLING	PRECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER		ENTS
DATE	DATE	START/END	START/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
		HR. HR.	HR. HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
			202	02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
			03-	COMP/04-0	THER							
SEP 18,83	SEP 17,83	830 1200	830 1000	1	16.8	1	18921	2	1	98		
SEP 21,83	SEP 20,83	530 530	**** ****	1	21.4	1	18920	2	1	99		
SEP 23,83	SEP 22,83	530 530	530 1000	1	16.3	1	18919	2	1	90		JC
SEP 24,83	SEP 23,83	530 830	**** ****	1	7.2	1	18918	2	1	86		JHCM
SEP 26,83	SEP 25,83	530 530	**** ****	1	1.3	1	18930	2	1	45		N
OCT 5,83	OCT 4,83	530 530	700 800	1	1.6	1	18929	2	1	96		
OCT 6,83	OCT 5,83	530 530	1100 1300	1	4.6	1	18928	2	1	92		Н
OCT 7,83	OCT 6,83	530 530	**** ****	1	5.7	1	18927	2	1	87		JH
OCT 9,83	OCT 8,83	530 530	1900 300	1	8.4	1	18926	2	1	85		7.00
OCT 12,83	OCT 11,83	530 530	200 530	1	3.6	1	18925	2	1	84		
OCT 13,83	OCT 12,83	530 530	530 1500	1	15.3	1	18924	2	1	92		
OCT 14,83	OCT 13,83	530 530	530 1630	1	15.0	1	18923	2	1	117		
OCT 15,83	OCT 14,83	530 830	**** ****	1	1.3	1	18931	2	1	51	С	
OCT 17,83	OCT 16,83	1130 530	2130 200	1	2.1	1	18932	2	1	92	3	
OCT 23,83	OCT 22,83	530 1200	1300 200	1	22.6	1	18933	2	1	95		JHM
OCT 26,83	OCT 25,83	530 530	1200 1500	1	1.8	1	18934	2	1	57		
NOV 2,83	NOV 1,83	530 530	100 530	ī	5.5	ī	18935	2	1	94		J
NOV 3,83	NOV 2,83	530 530	1300 2200	ī	7.4	î	18936	2	î	94		j
NOV 11,83	NOV 10,83	530 830	2200 830	ī	13.3	2	18938	2	ī	95		j
NOV 12,83	NOV 11,83	830 1100	530 830	ī	2.2	2	18939	2	1	65	С	нм
NOV 16,83	NOV 15,83	530 530	**** ****	3	7.6	2	18940	2	ī	86		J
NOV 17,83	NOV 16,83	530 530	1100 1500	3	2.3	2	18941	2	î	57	CD	нм
NOV 20,83	NOV 19,83	530 1200	**** ****	1	1.9	2	18942	2	ī	62	CD	
NOV 22,83	NOV 21,83	1200 530	1200 1700	î	4.3	2	18943	2	î	113	C	J
NOV 24,83	NOV 23,83	530 530	1100 1600	î	5.4	2	18944	2	î	97	C	j
NOV 28,83	NOV 27,83	1130 530	*** 530	3	4.3	2	18947	2	î	87		JHM
NOV 29,83	NOV 28,83	530 530	530 1100	3	10.5	2	18948	2	î	97		JM
NOV 30,83	NOV 29,83	530 530	1530 530	2	2.7	2	18949	2	ī	34	CD	N
DEC 1,83	NOV 30,83	530 530	**** ****	2	7.1	2	18950	2	î	22	0.0	NHM
DEC 2,83	DEC 1,83	530 530	**** ****	2	1.2	2	18951	2	1	3		N
DEC 4,83	DEC 3,83	830 1145	200 1000	3	3.1	2	18952	2	î	76		
DEC 6,83	DEC 5,83	530 530	2200 530	3	12.9	2	18953	2	î	74		М
DEC 7,83	DEC 6,83	530 530	530 1630	3	51.9	2	18954	2	î	47	CQ	N
DEC 8,83	DEC 7,83	530 530	530 900	2	3.0	2	18955	2	î	7	04	N
DEC 12,83	DEC 11,83	530 530	1300 530	3	14.4	2	18956	2	î	88		
DEC 13,83	DEC 12,83	530 530	**** ****	3	6.1	2	18957	2	î	70	CD	
DEC 15,83	DEC 14,83	530 530	**** ****	2	****	2	18958	2	1	****	0.0	
DEC 17,83	DEC 16,83	530 1000	2200 400	2	3.4	2	18959	2	î	21	D	N
DEC 18,83	DEC 17,83	1000 1130	2000 1000	2	2.1	2	18960	2	1	****	E	
DEC 19,83		1130 530	**** ***	2	1.9	2	18961	2		U 12	I	
"DEC 13,03	DEC 10,03	1120 220	AAAA AAAA	2	1.7	2	10701	-		0 12	*	

STAT	ION NAME : WE	ELLESLEY/DAILY/	AEROCHEM	#04				PAGE: 8		
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH		PH	TOTAL H+	SULPHATE	1	NITRATE
DATE	DATE	ML	UMHO/CM	FIELD		LAB	TO PH8.3 MG/L	MG/L		AS N MG/L
SEP 18,83	SEP 17,83	1060.0	53.9	3.66		4.02	0.1002	5.40		0.53
SEP 21,83	SEP 20,83	1360.0	13.3	4.26		4.72	0.0226	1.25		0.12
SEP 23,83	SEP 22,83	941.0	7.7	4.63	G	5.60	0.0142	0.70		0.12
SEP 24,83	SEP 23,83	399.0	2.5	G 4.98	U	6.74	0.0088	0.10	<w< td=""><td>0.01</td></w<>	0.01
SEP 26,83	SEP 25,83	38.0	英英英英英	*****		3.94	0.1540	7.05		1.00
OCT 5,83	OCT 4,83	99.0	27.5	****	U	6.87	0.0190	5.90		0.94
OCT 6,83	OCT 5,83	274.0	8.0	4.64	G	5.18	0.0266	0.85		0.22
OCT 7,83	OCT 6,83	320.0	7.5	G 4.84	G	5.54	0.0250	1.20		0.14
OCT 9,83	OCT 8,83	462.0	18.0	4.46		4.70	0.0392	2.95		0.41
OCT 12,83	OCT 11,83	196.0	*****	4.29		4.41	0.0558	1.95		0.22
OCT 13,83	OCT 12,83	903.0	18.5	4.29		4.48	0.0564	2.00		0.25
OCT 14,83	7.10.10.10. N. 10.10.10.10.10.10.10.10.10.10.10.10.10.1	1132.0	10.5	4.31		4.67	0.0408	1.30		0.13
OCT 15,83		43.0	*****	*****		4.30	0.0914	4.00		0.30
OCT 17,83		125.0	38.0	*****		4.15	0.1162	4.30		0.35
OCT 23,83	5 1	1377.0	16.0	3.71		4.67	0.2006	1.55		0.22
OCT 26,83		66.0	*****	*****		4.03	0.1452	4.20		0.73
NOV 2,83		334.0	45.9	3.49		4.11	0.1274	4.25		1.15
NOV 3,83		448.0	31.5	3.58		4.24	0.0970	3.60		0.40
NOV 11,83		813.0	16.3	3.40		4.59	0.0480	1.30		0.20
NOV 12,83		93.0	*****	*****	G	6.52	0.0152	0.45	<w< td=""><td>0.01</td></w<>	0.01
NOV 16,83		420.0	21.3	3.29	G	4.40	0.0600	0.85	· ·	0.46
	[[[[[[[]]]]]] [[[[]]]]] [[[]]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[]]] [[[[]]]] [[[[]]]] [[[[]]]] [[[[]]]] [[[[]]]] [[[[]]]] [[[[[]]]]] [[[[[[[]]]]]] [[[[[]]]]] [[[[[]]]]] [[[[[[]]]]]] [[[[[[]]]]]] [[[[[[]]]]]] [[[[[[]]]]]] [[[[[[]]]]]] [[[[[[]]]]]] [[[[[[[]]]]]]] [[[[[[[[]]]]]]]] [[[[[[[[[]]]]]]]]] [[[[[[[[[[]]]]]]]]] [85.0	*****	*****		4.25	*****	2.05		0.40
NOV 17,83			*****	*****		4.25	0.0858	4.00		0.08
NOV 20,83		76.0					0.0830	2.80		
NOV 22,83		313.0	29.5	3.19		4.22				0.45
NOV 24,83		337.0	28.8	3.20		4.20	0.0884	2.75		0.36
NOV 28,83		241.0	11.4	3.67		4.81	0.0356	1.00		0.16
NOV 29,83	THE PARTY OF THE P	654.0	23.5	3.31		4.33	0.0720	2.10		0.36
NOV 30,83		60.0	*****	*****		4.60	0.0444	1.50		0.42
DEC 1,83		104.0	8.5	*****	G	6.64	0.0138	0.80		0.38
DEC 2,83		3.0	*****	*****		*****	*****	*****		*****
DEC 4,83		152.0	11.2	*****		4.68	0.0400	1.10		0.10
DEC 6,83		615.0	8.5	*****		4.98	0.0296	0.70		0.14
_DEC 7,83		1566.0	16.5	****		4.48	0.0522	1.75		0.10
DEC 8,83		14.0	*****	*****	U	7.04	0.0148	***		****
DEC 12,83	DEC 11,83	813.0	34.4	*****		4.16	0.0976	2.90		0.57
DEC 13,83		276.0	21.9	*****		4.37	0.0646	1.70		0.42
DEC 15,83	DEC 14,83	116.0	47.6	****		4.06	0.1340	4.45		0.82
DEC 17,83	DEC 16,83	46.0	*****	****	G	5.95	0.0152	1.00		0.49
DEC 18,83	DEC 17,83	米米米米米	*****	*****		****	*****	****		*****
DEC 19,83	DEC 18,83	15.0	*****	*****		*****	*****	****		*****

	STATI	ON NAME : WE	ELLESLEY/DAILY/	AEROCHEM	#04			PAGE: 9	
	REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
			MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
	SEP 18,83	SEP 17,83	0.26	0.13	0.020	0.025	0.030	0.460	0.0955
	SEP 21,83	SEP 20,83	0.14	<t 0.01<="" td=""><td>0.010</td><td><t 0.010<="" td=""><td><w 0.005<="" td=""><td>D 0.148</td><td>0.0191</td></w></td></t></td></t>	0.010	<t 0.010<="" td=""><td><w 0.005<="" td=""><td>D 0.148</td><td>0.0191</td></w></td></t>	<w 0.005<="" td=""><td>D 0.148</td><td>0.0191</td></w>	D 0.148	0.0191
	SEP 23,83	SEP 22,83	0.16	0.03	0.020	<w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.206</td><td>G 0.0025</td></w></td></w>	<w 0.005<="" td=""><td>0.206</td><td>G 0.0025</td></w>	0.206	G 0.0025
	SEP 24,83	SEP 23,83	0.08	<w 0.01<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.062</td><td>U 0.0002</td></w></td></w></td></w></td></w>	<w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.062</td><td>U 0.0002</td></w></td></w></td></w>	<w 0.005<="" td=""><td><w 0.005<="" td=""><td>0.062</td><td>U 0.0002</td></w></td></w>	<w 0.005<="" td=""><td>0.062</td><td>U 0.0002</td></w>	0.062	U 0.0002
	SEP 26,83	SEP 25,83	*****	0.26	*****	*****	*****	*****	0.1148
	OCT 5,83	OCT 4,83	U 2.70	0.32	U 0.700	0.185	0.120	*****	U 0.0001
	OCT 6,83	OCT 5,83	0.08	<w 0.01<="" td=""><td>0.005</td><td><t 0.010<="" td=""><td><t 0.005<="" td=""><td>0.380</td><td>G 0.0066</td></t></td></t></td></w>	0.005	<t 0.010<="" td=""><td><t 0.005<="" td=""><td>0.380</td><td>G 0.0066</td></t></td></t>	<t 0.005<="" td=""><td>0.380</td><td>G 0.0066</td></t>	0.380	G 0.0066
	OCT 7,83	OCT 6,83	0.08	<w 0.01<="" td=""><td>0.005</td><td>0.020</td><td><t 0.005<="" td=""><td>0.480</td><td>G 0.0029</td></t></td></w>	0.005	0.020	<t 0.005<="" td=""><td>0.480</td><td>G 0.0029</td></t>	0.480	G 0.0029
	OCT 9,83	OCT 8,83	0.76	0.05	0.075	0.050	0.025	0.430	0.0200
	OCT 12,83	OCT 11,83	0.08	0.07	<t 0.005<="" td=""><td><t 0.015<="" td=""><td>0.070</td><td>0.226</td><td>0.0389</td></t></td></t>	<t 0.015<="" td=""><td>0.070</td><td>0.226</td><td>0.0389</td></t>	0.070	0.226	0.0389
×	OCT 13,83	OCT 12,83	0.05	0.05	<w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.020</td><td>0.280</td><td>0.0331</td></t></td></w>	<t 0.010<="" td=""><td>0.020</td><td>0.280</td><td>0.0331</td></t>	0.020	0.280	0.0331
	OCT 14,83	OCT 13,83	0.09	0.02	0.005	<t 0.015<="" td=""><td><t 0.010<="" td=""><td>0.158</td><td>0.0214</td></t></td></t>	<t 0.010<="" td=""><td>0.158</td><td>0.0214</td></t>	0.158	0.0214
	OCT 15,83	OCT 14,83	****	0.30	*****	****	****	*****	0.0501
	OCT 17,83	OCT 16,83	0.36	0.19	0.070	<t 0.015<="" td=""><td>0.060</td><td>0.044</td><td>0.0708</td></t>	0.060	0.044	0.0708
	OCT 23,83	OCT 22,83	0.08	0.20	0.020	0.015	0.035	0.156	0.0214
	OCT 26,83	OCT 25,83	*****	0.28	*****	****	****	*****	0.0933
	NOV 2,83	NOV 1,83	0.31	0.07	0.055	0.090	0.105	0.700	0.0776
	NOV 3,83	NOV 2,83	0.09	<w 0.01<="" td=""><td>0.015</td><td>0.040</td><td>0.085</td><td>0.348</td><td>0.0575</td></w>	0.015	0.040	0.085	0.348	0.0575
	NOV 11,83	NOV 10,83	0.04	0.08	0.010	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.144</td><td>0.0257</td></t></td></t>	<t 0.010<="" td=""><td>0.144</td><td>0.0257</td></t>	0.144	0.0257
	NOV 12,83	NOV 11,83	0.06	0.05	0.010	<w 0.005<="" td=""><td>0.060</td><td>0.102</td><td>G 0.0003</td></w>	0.060	0.102	G 0.0003
	NOV 16,83	NOV 15,83	0.05	0.10	0.005	<w 0.005<="" td=""><td><t 0.005<="" td=""><td>0.074</td><td>0.0398</td></t></td></w>	<t 0.005<="" td=""><td>0.074</td><td>0.0398</td></t>	0.074	0.0398
	NOV 17,83	NOV 16,83	0.14	0.29	0.025	U 0.260	U 0.175	0.710	0.0562
	NOV 20,83	NOV 19,83	0.65	0.34	0.090	0.025	0.170	0.054	0.0575
	NOV 22,83	NOV 21,83	0.22	0.27	0.025	0.020	0.175	0.168	0.0603
	NOV 24,83	NOV 23,83	0.31	0.23	0.035	<t 0.015<="" td=""><td>0.095</td><td>0.092</td><td>0.0631</td></t>	0.095	0.092	0.0631
	NOV 28,83	NOV 27,83	<w 0.01<="" td=""><td>0.05</td><td>0.015</td><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.034</td><td>0.0155</td></t></td></t></td></w>	0.05	0.015	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.034</td><td>0.0155</td></t></td></t>	<t 0.005<="" td=""><td>0.034</td><td>0.0155</td></t>	0.034	0.0155
	NOV 29,83	NOV 28,83	<w 0.01<="" td=""><td>0.10</td><td>0.010</td><td><t 0.015<="" td=""><td><t 0.005<="" td=""><td>0.136</td><td>0.0468</td></t></td></t></td></w>	0.10	0.010	<t 0.015<="" td=""><td><t 0.005<="" td=""><td>0.136</td><td>0.0468</td></t></td></t>	<t 0.005<="" td=""><td>0.136</td><td>0.0468</td></t>	0.136	0.0468
	NOV 30,83	NOV 29,83	米米米米米	0.14	*****	****	*****	*****	0.0251
	DEC 1,83	NOV 30,83	0.67	0.15	0.150	<t 0.010<="" td=""><td>0.035</td><td>0.010</td><td>G 0.0002</td></t>	0.035	0.010	G 0.0002
	DEC 2,83	DEC 1,83	*****	*****	*****	*****	*****	*****	*****
	DEC 4,83	DEC 3,83	0.09	0.06	0.015	<w 0.005<="" td=""><td>0.015</td><td><w 0.002<="" td=""><td>0.0209</td></w></td></w>	0.015	<w 0.002<="" td=""><td>0.0209</td></w>	0.0209
	DEC 6,83	DEC 5,83	0.03	0.05	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.020</td><td>0.100</td><td>0.0105</td></t></td></t>	<t 0.005<="" td=""><td>0.020</td><td>0.100</td><td>0.0105</td></t>	0.020	0.100	0.0105
	DEC 7,83	DEC 6,83	0.02	0.04	0.005	<t 0.005<="" td=""><td><t 0.010<="" td=""><td>0.058</td><td>0.0331</td></t></td></t>	<t 0.010<="" td=""><td>0.058</td><td>0.0331</td></t>	0.058	0.0331
-	DEC 8,83	DEC 7,83	*****	*****	*****	****	*****	*****	U 0.0001
	DEC 12,83	DEC 11,83	0.06	0.25	0.010	<t 0.010<="" td=""><td>0.030</td><td>D 0.262</td><td>0.0692</td></t>	0.030	D 0.262	0.0692
	DEC 13,83	DEC 12,83	0.11	0.08	0.015	0.030	0.030	0.102	0.0427
	DEC 15,83	DEC 14,83	0.13	0.35	0.020	0.030	0.025	0.640	0.0871
	DEC 17,83	DEC 16,83	*****	0.22	*****	*****	****	****	G 0.0011
	DEC 18,83	DEC 17,83	*****	****	****	*****	*****	****	*****
	DEC 19,83	DEC 18,83	*****	****	****	*****	*****	*****	*****

PAGE: 10

#04

STATION NAME : WELLESLEY/DAILY/AEROCHEM

EXPOSURE	SAMPLING	PRECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
DATE	START/END	START/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
	HR. HR.	HR. HR.	01-RAIN		01-STD.		02-APIOS	01-M0E	ENCY		
			02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
		03-	COMP/04-0	THER							
DEC 21,83	530 1200	**** ****	3	23.1	2	18962	2	1	59	C	
DEC 23,83	530 1200	****	2	2.1	- 2	18963	2	1	****	EIK	
DEC 24,83	1200 1400	**** ****	2	14.5	2	18964	2	1	39	C	NC
DEC 25,83	1400 1000	1400 2000	2	10.7	2	18965	2	1	U 4	I	
DEC 28,83	530 530	**** ****	2	13.9	2	18966	2	1	49		N
	DATE DEC 21,83 DEC 23,83 DEC 24,83 DEC 25,83	DATE START/END HR. HR. DEC 21,83 530 1200 DEC 23,83 530 1200 DEC 24,83 1200 1400 DEC 25,83 1400 1000	DATE START/END START/END HR. HR. HR. HR. 03- DEC 21,83 530 1200 **** **** DEC 23,83 530 1200 **** **** DEC 24,83 1200 1400 **** **** DEC 25,83 1400 1000 1400 2000	DATE START/END START/END TYPE HR. HR. HR. HR. HR. 01-RAIN 02-SNOW 03-COMP/04-0 DEC 21,83 530 1200 **** **** 3 DEC 23,83 530 1200 **** **** 2 DEC 24,83 1200 1400 **** **** 2 DEC 25,83 1400 1000 1400 2000 2	DATE START/END START/END TYPE DEPTH(MM) HR. HR. HR. HR. 01-RAIN 02-SNOW 03-COMP/04-OTHER DEC 21,83 530 1200 **** **** 3 23.1 DEC 23,83 530 1200 **** **** 2 2.1 DEC 24,83 1200 1400 **** **** 2 14.5 DEC 25,83 1400 1000 1400 2000 2 10.7	DATE START/END START/END TYPE DEPTH(MM) TYPE HR. HR. HR. HR. 01-RAIN 01-STD. 02-SNOW 02-NIPHER 03-COMP/04-OTHER DEC 21,83 530 1200 **** **** * 3 23.1 2 DEC 23,83 530 1200 **** **** * 2 2.1 2 DEC 24,83 1200 1400 **** **** 2 14.5 2 DEC 25,83 1400 1000 1400 2000 2 10.7 2	DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER HR. HR. HR. HR. 01-RAIN 01-STD. 02-SNOW 02-NIPHER 03-COMP/04-OTHER DEC 21,83 530 1200 **** **** 3 23.1 2 18962 DEC 23,83 530 1200 **** **** 2 2.1 2 18963 DEC 24,83 1200 1400 **** **** 2 14.5 2 18964 DEC 25,83 1400 1000 1400 2000 2 10.7 2 18965	DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE HR. HR. HR. HR. 01-RAIN 01-STD. 02-APIOS 02-SNOW 02-NIPHER 03-SPECIAL DEC 21,83 530 1200 **** **** 3 23.1 2 18962 2 DEC 23,83 530 1200 **** **** 2 2.1 2 18963 2 DEC 24,83 1200 1400 **** **** 2 14.5 2 18964 2 DEC 25,83 1400 1000 1400 2000 2 10.7 2 18965 2	DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE HR. HR. HR. HR. 01-RAIN 01-STD. 02-APIOS 01-MOE 02-SNOW 02-NIPHER 03-SPECIAL 03-AES 03-COMP/04-OTHER DEC 21,83 530 1200 **** **** * 3 23.1 2 18962 2 1 DEC 23,83 530 1200 **** **** * 2 2.1 2 18963 2 1 DEC 24,83 1200 1400 **** **** * 2 14.5 2 18964 2 1 DEC 25,83 1400 1000 1400 2000 2 10.7 2 18965 2 1	DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- HR. HR. HR. HR. 01-RAIN 01-STD. 02-APIOS 01-MOE ENCY 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (%) DEC 21,83 530 1200 **** **** * 3 23.1 2 18962 2 1 59 DEC 23,83 530 1200 **** **** * 2 2.1 2 18963 2 1 ***** DEC 24,83 1200 1400 **** **** 2 14.5 2 18964 2 1 39 DEC 25,83 1400 1000 1400 2000 2 10.7 2 18965 2 1 U 4	DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- FIELD O1-STD. 02-APIOS 01-MOE ENCY 02-SNOW 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (%) DEC 21,83 530 1200 **** **** * 3 23.1 2 18962 2 1 59 C DEC 23,83 530 1200 **** **** * 2 2.1 2 18963 2 1 **** EIK DEC 24,83 1200 1400 **** **** 2 14.5 2 18964 2 1 39 C DEC 25,83 1400 1000 1400 2000 2 10.7 2 18965 2 1 U 4 I

STATI	ON NAME : WEL	LESLEY/DAILY/A	AEROCHEM	#04			PAGE : 11	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
,		ML	UMHO/CM			MG/L	MG/L	MG/L
DEC 22,83	DEC 21,83	880.0	23.5	****	4.37	0.0654	1.65	0.41
DEC 24,83	DEC 23,83	*****	*****	*****	*****	*****	*****	*****
DEC 25,83	DEC 24,83	368.0	4.8	*****	G 5.58	0.0172	0.20	0.05
DEC 26,83	DEC 25,83	29.0	****	林林林林林	G '5.84	0.0160	*****	*****
DEC 29,83	DEC 28,83	442.0	12.9	*****	4.63	0.0434	0.35	0.36

STATI	ON NAME : WEL	LESLEY/DAILY/	AEROCHEM	#04		5		PAGE: 12	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	P	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L		MG/L	MG/L	MG/L	MG/L
DEC 22,83	DEC 21,83	0.07	0.11	0.020	<w< td=""><td>0.005</td><td>0.070</td><td>0.100</td><td>0.0427</td></w<>	0.005	0.070	0.100	0.0427
DEC 24,83	DEC 23,83	*****	****	****	*	****	****	*****	*****
DEC 25,83	DEC 24,83	0.06	0.18	0.025	<w< td=""><td>0.005</td><td>0.135</td><td>0.048</td><td>G 0.0026</td></w<>	0.005	0.135	0.048	G 0.0026
DEC 26,83	DEC 25,83	*****	*****	*****	*	*****	*****	*****	G 0.0014
DEC 29,83	DEC 28,83	0.05	0.08	0.015	<w< td=""><td>0.005</td><td>0.025</td><td>0.088</td><td>0.0234</td></w<>	0.005	0.025	0.088	0.0234

STATION NAME : BALSAM LAKE/DAILY/AEROCHEM #06 PAGE : 1

	OVAL		POSURE DATE	STAR	PLING T/END HR.	START	ECIP F/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		ENTS OFFICE
							03-	-COMP/04-0	THER	or marmen		OJ OI LOIME	03 7.20	,		
JAN	4,83	JAN	3,83	750	750	830	1600	2	1.3	2	28519	2	1	17		N
JAN	6,83	JAN	5,83	830	830	****	****	2	2.2	2	28520	2	1	2	E	N
JAN	7,83	JAN	6,83	830	830	900	1800	2	5.1	2	28521	2	1	****	EK	
MAL	8,83	JAN	7,83	830	755	***	***	2	0.5	2	28522	2	1	****	EK	
JAN	11,83	MAL	10,83	755	755	1315	715	1	11.5	2	28523	2	1	108		М
JAN	12,83	MAL	11,83	755	755	1015	200	3	3.2	2	28524	2	1	68		
JAN	14,83	JAN	13,83	800	800	830	2200	2	1.1	2	28525	2	1	****	EK	
JAN	16,83	JAN	15,83	800	1015	900	1100	2	3.5	2	28526	2	1	***	EK	
JAN	23,83	JAN	22,83	755	755	200	800	2	2.2	2	28527	2	1	****	EK	
JAN	24,83	JAN	23,83	755	755	2000	755	2	5.3	2	28528	2	1	94		
JAN	25,83	JAN	24,83	755	750	755	750	3	4.3	2	28529	2	1	63		
JAN	27,83	JAN	25,83	750	750	915	2000	2	4.2	2	28530	2	1	U 44	G	Y2
JAN	31,83	JAN	30,83	755	755	1300	755	2	5.1	2	28531	2	1	133		N
	1,83	JAN	31,83	755	750	755	1400	2	0.5	2	28532	2	1	****	EK	
FEB	3,83	FEB	2,83	750	700	800	700	1	16.4	2	28533	2	1	52		
FEB	4,83		3,83	750	750	830	2200	3	7.4	2	28534	2	1	83		
FEB	7,83	FEB	6,83	750	750	300	750	2	2.1	2	28535	2	1	****	EK	
FEB	8,83	FEB		750	755	750	1400	2	0.3	2	28536	2	1	****	EK	
	18,83		17,83	755	755		1100	1	0.4	2	28537	2	1	179		N
	23,83		22,83	750		1600		3	8.2	2	28538	2	1	92		8.0
	4,83	MAR			****	2300		3	2.5	2	28539	2	1	91		
MAR		MAR	4,83		****	1430		1	10.3	2	28540	2	1	33		N
	7,83	MAR	6,83		****	1700		1	0.3	2	28541	2	ī	187		N
MAR		MAR	8,83		****	2200	755	1	0.5	2	28542	2	î	87		
	10,83	MAR			****	755	755	1	3.5	2	28543	2	î	51	A	
	19,83		18,83	900	900	1815	900	î	6.5	2	28544	2	î	99		
	20,83			900	830		2300	î	6.1	2	28545	2	î	90		
	22,83			755	755	815	700	2	12.5	2	28546	2	î	55		JHM
	28,83		27,83	750	750	830	700	2	7.4	2	28548	2	î	66		JTHCM
	29,83		28,83	750	730	100000000000000000000000000000000000000	1800	3	2.2	2	28549	2	ī	44		N
	3,83	APR			1015	2230	400	3	12.5	2	28550	2	î	91		**
-APR		APR	3,83	1015	830	1015	700	1	5.4	2	28551	2	î	98		
APR		APR	4,83	830	755	1000		2	0.4	2	28552	2	1	****	EK	
APR		APR	6,83	755	755	2200		1	0.4	2	28553	2	1	148	LK	N
		APR		755	755		1145	1	5.3	2	28554	2	1	88	В	
	8,83	APR	7,83		1100	2000		1	18.3	2	28555	2	1	104	A	
	10,83													****	EK	
	11,83		10,83	1100	755		700	2	0.3	2	28556	2	1	102	EK	
	12,83		11,83	755	750	1700		1	1.1	2	28557	2				
	14,83		13,83	750	750	2300	750	1	2.3	2	28558	2	1	111		
_APR	15,83	APR	14,83	750	750	755	530	1	7.3	2	28559	2	1	114		

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STA	TION NAME : BA	LSAM LAKE/DAILY	Y/AEROCHEM	#06			PAGE : 2	
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
JAN 4,83	3,83	15.0	*****	*****	***	*****	*****	****
JAN 6,83	3 JAN 5,83	3.0	*****	*****	****	****	****	*****
JAN 7,83	3 JAN 6,83	****	****	****	****	****	****	****
JAN 8,83	3 JAN 7,83	*****	****	****	*****	****	*****	*****
JAN 11,83	JAN 10,83	799.0	23.5	4.20	4.47	0.0618	1.60	0.45
JAN 12,83	3 JAN 11,83	141.0	25.0	****	4.24	0.0778	1.40	0.63
JAN 14,83	JAN 13,83	科 英英英英	****	****	*****	****	*****	*****
JAN 16,83	JAN 15,83	****	*****	*****	****	****	****	*****
JAN 23,83	JAN 22,83	*****	*****	*****	*****	****	*****	*****
JAN 24,83	JAN 23,83	322.0	35.5	4.13	4.09	0.1066	1.65	0.80
JAN 25,83	JAN 24,83	176.0	33.5	4.11	4.08	0.1124	2.70	0.72
JAN 27,8	JAN 25,83	121.0	19.2	*****	4.49	0.0572	2.15	0.26
JAN 31,8	3 JAN 30,83	437.0	47.0	3.94	4.03	0.1328	2.60	0.99
FEB 1,83	3 JAN 31,83	****	****	****	****	*****	*****	*****
FEB 3,83	S FEB 2,83	547.0	43.5	4.05	4.00	0.1296	2.70	0.75
FEB 4,8		395.0	28.6	4.24	4.13	0.0978	1.95	0.50
FEB 7,83	S FEB 6,83	*****	*****	*****	*****	*****	*****	*****
FEB 8,8		*****	*****	*****	****	*****	*****	*****
FEB 18,83	S FEB 17,83	46.0	****	****	3.30	G 0.5420	G 11.20	G 6.20
FEB 23,8		486.0	42.2	4.01	4.05	0.1064	3.35	0.68
MAR 4,8	명하는 그런 가장 맛이 그렇게 뭐 하겠었다면	147.0	46.5	*****	4.17	0.0976	3.90	1.01
MAR 5,8		218.0	24.8	4.22	4.36	0.0650	2.20	0.37
MAR 7,8		36.0	*****	*****	4.72	0.0394	2.50	0.27
MAR 9,8		28.0	*****	*****	****	*****	4.30	1.11
MAR 10,8		116.0	U 88.5	*****	3.71	G 0.2220	6.35	1.14
MAR 19,8	구시	416.0	*****	4.50	4.46	0.0564	1.30	0.32
MAR 20,8		355.0	*****	4.70	4.83	0.0330	0.45	0.10
MAR 22,8		445.0	*****	U 4.83	4.02	D 0.1214	0.55	0.05
MAR 28,8		316.0	25.9	4.24	3.39	0.0684	1.75	0.40
MAR 29,8		63.0	*****	*****	4.22	0.1276	2.50	0.88
APR 3,8		732.0	11.2	4.60	4.77	0.0360	0.70	0.23
APR 4,8		340.0	25.2	4.26	4.39	0.0648	1.75	0.44
APR 5,8		*****	*****	*****	*****	*****	*****	*****
-APR 7,8		38.0	*****	*****	4.03	D 0.1380	4.80	0.53
APR 8,8	하는 나타내다가 그리면 사람들이 그리다.	299.0	50.0	3.96	4.01	0.1306	4.50	0.62
APR 10,8	BA: - ^ 'BANGARA	1224.0	20.6	4.29	4.45	0.0556	1.50	0.29
APR 11,8		米米米米米	*****	*****	*****	*****	*****	*****
APR 12,8		72.0	*****	*****	3.99	0.1402	5.20	0.56
APR 14,8		164.0	76.0	*****	3.86	0.1802	D 7.60	0.84
APR 15,8	어(- 보이지어를 가게 뭐라면요	536.0	26.2	4.23	4.37	0.0658	2.15	0.37
WLK 13)0	3 MEK 14,03	550.0	20.2	7.23	7.37	0.0050	6.40	0.37

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

PAGE: 3 STATION NAME : BALSAM LAKE/DAILY/AEROCHEM #06 **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM MUINOMMA FREE H+ REMOVAL AS N LAB DATE DATE MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 4,83 JAN 3,83 ***** ***** **** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** JAN 6,83 JAN 5,83 ***** ***** ***** ***** JAN 7,83 JAN 6,83 ***** ***** ***** ***** **** ***** ***** JAN 8,83 JAN 7,83 ***** ***** ***** <T 0.005 0.020 0.148 0.0339 JAN 11,83 JAN 10,83 0.13 0.11 0.005 0.0575 0.17 0.015 0.030 0.090 0.214 JAN 12,83 JAN 11,83 0.14 ***** ***** ***** ***** **** ***** ***** JAN 14,83 JAN 13,83 ***** ***** ***** ***** ***** ***** ***** JAN 16,83 JAN 15,83 ***** ***** ***** ***** JAN 23,83 ***** ***** ***** JAN 22,83 <W 0.005 0.015 0.035 0.122 0.0813 JAN 24,83 JAN 23,83 0.05 0.14 0.030 0.040 0.290 0.0832 JAN 25,83 JAN 24,83 ***** 0.12 ***** JAN 27,83 JAN 25,83 ***** 0.11 ***** 0.030 0.050 0.490 0.0324 0.0933 0.22 0.005 0.030 0.035 0.348 JAN 31,83 JAN 30.83 0.07 ***** ***** FEB 1,83 JAN 31,83 ***** ***** ***** ***** **** 0.06 0.16 <W 0.005 0.035 0.060 0.130 0.1000 FEB 3,83 FEB 2,83 0.0741 FEB 4,83 FEB 3,83 0.08 0.05 <W 0.005 0.025 0.020 0.218 ***** ***** ***** 7,83 ***** ***** ***** ***** FEB FEB 6,83 ***** ***** ***** ***** ***** ***** ***** FEB 8,83 FEB 7,83 FEB 17,83 ***** 1.37 ***** ***** **** ***** 0.5012 FEB 18,83 0.015 0.025 0.045 0.540 0.0891 FEB 23,83 FEB 22,83 0.12 0.16 MAR 4,83 MAR 3,83 0.30 0.21 0.040 0.040 0.100 ***** 0.0676 MAR 5,83 0.21 0.12 0.020 0.030 0.050 0.068 0.0437 MAR 4,83 ***** ***** ***** 0.0191 MAR 7,83 MAR 6,83 ***** 0.35 ***** MAR 8,83 ***** ***** ***** ***** ***** MAR 9,83 ***** 0.25 0.020 U 0.350 0.230 0.1950 MAR 10,83 MAR 9,83 0.10 0.13 0.010 0.015 MAR 19,83 MAR 18,83 0.13 0.10 0.015 0.060 0.178 0.0347 MAR 20,83 MAR 19,83 0.13 0.04 <W 0.005 <T 0.005 0.025 0.014 0.0148 0.010 0.0955 MAR 22,83 MAR 21,83 0.14 0.03 <T 0.005 0.015 <T 0.002 0.4074 MAR 28,83 0.07 0.06 <W 0.005 0.015 0.015 0.098 MAR 27,83 ***** 0.16 ***** ***** ***** ***** 0.0603 MAR 29,83 MAR 28,83 0.020 APR 3,83 APR 2,83 0.11 0.05 0.020 0.020 0.072 0.0170 APR 4,83 0.06 0.020 0.030 0.040 0.190 0.0407 APR 3,83 0.17***** ***** ***** ***** ***** ***** ***** APR 5,83 APR 4,83 APR 7,83 APR 6,83 ***** 0.15 ***** ***** ***** ***** 0.0933 0.0977 0.020 0.030 0.010 0.320 APR 8,83 APR 7,83 0.20 0.08 0.088 APR 10,83 APR 9,83 0.08 0.04 0.010 0.020 0.010 0.0355 ***** ***** APR 10,83 ***** ***** ***** ***** **** APR 11,83

0.005

0.030

0.030

0.09

0.18

0.14

APR 12,83

APR 14,83 APR 13,83

APR 15,83 APR 14,83

APR 11,83

0.29

0.24

0.095

0.050

0.020

0.720

0.112

0.030

0.070

0.060

0.1023

0.1380

0.0427

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

750 750 1030 1100

SEP 7,83 SEP 6,83

STATION NAME : BALSAM LAKE/DAILY/AEROCHEM PAGE: 4 #06 REMOVAL **EXPOSURE** SAMPLING PRECIP SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- FIELD OFFICE HR. HR. HR. HR. 01-RAIN 01-STD. / 02-APIOS 01-MOE ENCY 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER APR 20,83 APR 19,83 630 630 2300 200 2 2.2 2 28560 2 1 92 APR 21,83 APR 20,83 630 640 1900 300 2 3.0 2 28561 2 1 61 HM APR 29,83 APR 28,83 755 755 1800 200 3.0 28562 109 1 2 2 1 MAY 1,83 APR 30,83 800 1000 1300 2000 21.0 28563 33 N 1 1 2 1 2,83 MAY 1,83 1000 750 2100 600 20.0 28564 **** EG MAY 3,83 MAY 2,83 750 755 1400 500 55.0 28565 1 1 2 1 58 MAY 4,83 MAY 3,83 755 755 1700 730 1 8.0 1 28566 2 1 72 MAY 7,83 MAY 6,83 1000 1000 200 700 2.0 28567 98 Н C MAY 8,83 MAY 7,83 1000 1015 1100 900 27.2 28568 109 1 2 1 MAY 15,83 MAY 14,83 1030 1030 1900 800 1 15.0 1 28569 2 1 103 MAY 20,83 MAY 19,83 750 750 1530 28570 720 18.0 98 MAY 21,83 MAY 20,83 750 830 920 100 1 2.0 1 28571 2 1 88 MAY 23,83 MAY 22,83 910 910 1600 200 1 13.4 1 28572 2 1 69 J MAY 26,83 MAY 25,83 750 750 1500 700 12.3 28573 2 57 H MAY 30,83 MAY 29,83 800 750 1900 500 3.2 28574 2 1 82 1 1 JUN 1,83 MAY 31,83 755 800 1635 700 5.0 1 28575 2 1 102 JUN 5,83 755 755 JUN 6,83 800 900 0.4 28576 2 58 JUN 8,83 JUN 6,83 755 1400 800 **** 28577 Y2 6.1 1 2 92 JUN 9,83 755 JUN 10,83 755 2300 100 4.1 28578 93 1 1 2 JUN 27,83 JUN 26,83 800 750 2100 500 6.0 28579 101 2 JUN 28,83 JUN 27,83 800 755 900 2200 3.2 28580 78 1 2 1 JUL 1,83 JUL 2,83 800 745 1400 **** 5.3 1 28581 2 1 96 JUL 3,83 JUL 2,83 800 1045 730 830 2.4 28582 115 2 JUL 4,83 800 1900 2300 JUL 5,83 755 7.1 28583 2 103 H JUL 9,83 JUL 8,83 750 750 2045 100 1.1 28584 2 89 1 JUL 25,83 JUL 24,83 800 755 1430 1435 0.1 28585 187 2 1 N JUL 29,83 JUL 28,83 800 800 **** **** 3.0 28586 2 1 84 800 JUL 30,83 JUL 29,83 800 **** **** 29.0 1 28587 2 1 U 23 H N JUL 31,83 JUL 30,83 800 800 6.1 28588 2 1 102 AUG 1,83 JUL 31,83 800 800 **** **** 12.0 28589 2 1 60 AUG 2,83 AUG 1,83 800 800 **** **** 0.4 1 1 28590 2 1 101 AUG 4,83 AUG 3,83 750 750 2200 730 12.1 1 28591 2 1 55 AUG 9,83 AUG 8,83 750 750 1430 1445 70 1 1.1 28592 2 1 AUG 12,83 AUG 11,83 755 755 815 930 1.0 28917 68 2 AUG 20,83 AUG 19,83 830 830 1500 1600 0.4 28594 2 70 1 1 AUG 22,83 AUG 21,83 750 750 130 750 23.4 28595 2 102 1 1 AUG 29,83 AUG 28,83 750 750 1515 1645 43.0 28596 110 JH AUG 30,83 AUG 29,83 750 755 1550 730 1 5.2 28597 90 J 1 2 1 AUG 31,83 AUG 30,83 755 730 1330 1700 1 29.1 1 28598 2 1 83 JC

0.3

28599

1

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STATI	ON NAME : BA	ALSAM LAKE/DAILY	//AEROCHEM	#06			PAGE : 5	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
2712	27.12	ML	UMHO/CM	, , , ,		MG/L	MG/L	MG/L
APR 20,83	APR 19,83	131.0	*****	*****	4.61	0.1462	1.40	0.15
APR 21,83	APR 20,83	118.0	****	*****	G 5.67	****	0.50	0.06
APR 29,83	APR 28,83	211.0	34.7	4.28	4.63	0.0534	4.25	0.71
MAY 1,83	APR 30,83	451.0	14.2	4.52	4.62	0.0458	1.20	0.14
MAY 2,83	MAY 1,83	*****	科米茨茨共	*****	****	*****	****	*****
MAY 3,83	MAY 2,83	2048.0	16.3	4.50	4.60	0.0482	1.55	0.23
MAY 4,83	MAY 3,83	373.0	16.0	4.47	4.48	0.0550	1.30	0.12
MAY 7,83	MAY 6,83	126.0	*****	*****	U 4.62	0.0684	6.30	0.90
MAY 8,83	MAY 7,83	1917.0	16.5	4.45	4.67	0.0430	1.90	0.28
MAY 15,83	MAY 14,83	999.0	45.5	4.06	4.20	0.0984	4.95	0.48
MAY 20,83	MAY 19,83	1134.0	14.4	4.58	4.63	0.0422	1.10	0.17
MAY 21,83	MAY 20,83	114.0	****	*****	4.15	0.1058	5.05	1.26
MAY 23,83	MAY 22,83	598.0	26.6	U 4.62	4.34	0.0702	2.50	0.25
MAY 26,83	MAY 25,83	450.0	37.9	4.15	4.23	0.0890	3.45	0.60
MAY 30,83	MAY 29,83	169.0	47.4	****	4.11	0.1092	4.90	0.57
JUN 1,83	MAY 31,83	328.0	25.4	4.34	4.48	0.0630	2.75	0.47
JUN 6,83	JUN 5,83	15.0	*****	*****	3.74	G 0.2820	****	*****
JUN 8,83	JUN 6,83	361.0	15.7	4.45	4.65	0.0494	1.65	0.11
JUN 10,83	JUN 9,83	246.0	G 112.0	3.77	3.86	0.2220	12.80	G 2.85
JUN 27,83	JUN 26,83	391.0	37.8	4.17	D 4.43	0.0762	6.25	0.81
JUN 28,83	JUN 27,83	162.0	19.0	4.33	4.57	0.0504	2.00	0.28
JUL 2,83	JUL 1,83	328.0	34.5	4.12	4.27	0.1584	4.00	0.72
JUL 3,83	JUL 2,83	178.0	10.1	4.57	4.90	0.0304	0.65	0.21
JUL 5,83	JUL 4,83	472.0	18.5	4.42	4.68	0.0428	2.85	0.25
JUL 9,83	JUL 8,83	63.0	*****	****	3.99	0.1540	11.00	1.48
JUL 25,83	JUL 24,83	12.0	****	****	****	*****	*****	****
JUL 29,83	JUL 28,83	162.0	58.0	****	4.05	0.1372	5.65	0.80
JUL 30,83	JUL 29,83	442.0	18.7	*****	4.63	0.0504	2.25	0.25
JUL 31,83	JUL 30,83	399.0	51.0	3.95	4.08	0.1248	4.95	0.53
AUG 1,83	JUL 31,83	464.0	34.0	4.15	4.07	0.1246	3.60	0.32
AUG 2,83	AUG 1,83	26.0	****	****	G 6.68	0.0206	****	****
AUG 4,83	AUG 3,83	430.0	45.0	3.99	4.12	0.1002	4.35	0.70
AUG 9,83	AUG 8,83	50.0	*****	*****	U 7.22	0.0196	2.60	0.53
AUG 12,83	AUG 11,83	44.0	*****	*****	4.33	0.0922	*****	*****
AUG 20,83	AUG 19,83	18.0	*****	*****	*****	*****	*****	*****
AUG 22,83	AUG 21,83	1531.0	15.8	4.35	4.65	0.0478	1.50	0.14
AUG 29,83	AUG 28,83	3042.0	7.6	4.60	5.20	0.0264	1.00	0.05
AUG 30,83	AUG 29,83	300.0	15.6	4.26	4.85	0.0400	1.75	0.31
AUG 31,83	AUG 30,83	1560.0	4.4	4.66	G 5.84	0.0208	0.40	0.09
SEP 7,83	SEP 6,83	10.0	*****	*****	****	*****	*****	*****

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATI	ON NAME : BA	ALSAM LAKE/DAIL	Y/AEROCHEM	#06			PAGE : 6	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
2412		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
APR 20,83	APR 19,83	0.18	0.20	0.030	0.020	0.120	0.070	0.0245
APR 21,83	APR 20,83	0.14	0.06	0.010	<t 0.010<="" td=""><td>0.030</td><td>0.014</td><td>G 0.0021</td></t>	0.030	0.014	G 0.0021
APR 29,83	APR 28,83	G 1.09	0.21	0.110	0.070	0.075	0.720	0.0234
MAY 1,83	APR 30,83	0.08	0.02	0.010	0.015	<t 0.005<="" td=""><td>0.120</td><td>0.0240</td></t>	0.120	0.0240
MAY 2,83	MAY 1,83	****	*****	****	*****	*****	****	*****
MAY 3,83	MAY 2,83	0.19	0.10	0.035	0.030	0.045	0.216	0.0251
MAY 4,83	MAY 3,83	0.12	0.02	0.015	0.035	0.030	0.050	0.0331
MAY 7,83	MAY 6,83	U 2.60	0.28	U 0.260	U 0.145	0.140	0.670	U 0.0240
MAY 8,83	MAY 7,83	0.34	D 0.06	0.050	0.025	0.050	0.236	0.0214
MAY 15,83	MAY 14,83	0.41	0.23	0.055	0.055	0.095	0.630	0.0631
MAY 20,83	MAY 19,83	0.10	D 0.02	0.015	0.015	D 0.010	0.130	0.0234
MAY 21,83	MAY 20,83	0.29	0.13	0.030	0.050	0.035	1.460	0.0708
MAY 23,83	MAY 22,83	0.11	0.05	0.015	0.030	0.020	0.270	0.0457
MAY 26,83	MAY 25,83	0.30	0.11	0.055	0.025	0.020	0.500	0.0589
MAY 30,83	MAY 29,83	0.54	0.16	0.055	0.035	0.050	0.500	0.0776
JUN 1,83	MAY 31,83	0.42	0.14	0.065	0.040	0.030	0.410	0.0331
JUN 6,83	JUN 5,83	*****	*****	*****	*****	*****	*****	0.1820
JUN 8,83	JUN 6,83	0.15	0.06	0.020	0.030	0.025	0.032	0.0224
JUN 10,83	JUN 9,83	G 2.85	0.70	G 0.655	0.120	0.090	1.490	0.1380
JUN 27,83	JUN 26,83	1.03	0.22	0.165	G 0.205	0.055	1.190	D 0.0372
JUN 28,83	JUN 27,83	*****	0.10	*****	*****	*****	*****	0.0269
JUL 2,83	JUL 1,83	0.50	0.15	0.070	0.065	0.040	0.760	0.0537
JUL 3,83	JUL 2,83	*****	0.08	*****	*****	*****	1.020	0.0126
JUL 5,83	JUL 4,83	0.51	0.16	0.090	0.050	0.100	0.460	0.0209
JUL 9,83	JUL 8,83	*****	0.46	*****	*****	*****	*****	0.1023
JUL 25,83	JUL 24,83	*****	*****	*****	*****	*****	*****	*****
JUL 29,83	JUL 28,83	0.85	0.39	0.095	0.105	0.175	0.220	0.0891
JUL 30,83	JUL 29,83	0.25	0.10	0.030	0.025	0.045	0.274	0.0234
JUL 31,83	JUL 30,83	0.09	0.18	0.020	0.040	0.040	0.560	0.0832
AUG 1,83	JUL 31,83	0.08	0.10	0.015	0.025	0.020	0.400	0.0851
AUG 2,83	AUG 1,83	*****	*****	*****	*****	*****	*****	G 0.0002
AUG 4,83	AUG 3,83	0.34	0.13	0.075	<w 0.005<="" td=""><td>0.025</td><td>0.570</td><td>0.0759</td></w>	0.025	0.570	0.0759
_AUG 9,83	AUG 8,83	****	0.47	****	****	*****	****	U 0.0001
-AUG 12,83	AUG 11,83	*****	*****	*****	*****	****	*****	0.0468
AUG 20,83	AUG 19,83	*****	*****	*****	****	*****	*****	*****
AUG 22,83	AUG 21,83	0.12	0.05	0.015	<t 0.005<="" td=""><td>0.025</td><td>0.150</td><td>0.0224</td></t>	0.025	0.150	0.0224
AUG 29,83	AUG 28,83	0.26	0.06	0.015	0.025	0.015	0.162	0.0063
AUG 30,83	AUG 29,83	0.35	0.32	0.035	0.130	0.120	0.338	0.0141
AUG 31,83	AUG 30,83	0.13	0.09	0.015	0.055	0.035	0.140	G 0.0014

SEP 7,83 SEP 6,83

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STATION NAME : BALSAM LAKE/DAILY/AEROCHEM #06

REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END HR. HR.	PRECIP START/END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		MENTS OFFICE
			03-	COHP/04-0	THER							
SEP 10,83	SEP 9,83	830 830	2100 2145	1	1.3	1	28600	2	1	112		
SEP 17,83		*** 830	**** ****	1	17.4	1	29700	2	1	98		
SEP 19,83		750 750	900 1800	1	11.2	1	29701	2	1	101		
SEP 21,83		**** 750	**** ***	1	11.1	î	29702	2	î	104		
SEP 22,83		750 755	750 1300	i	3.4	î	29703	2	î	97		НМ
SEP 23,83		755 750	1315 1330	î	0.3	î	29704	2	1	77		
	SEP 23,83	750 910	**** ****	ī	0.4	1	29705	2	ī	132		N
SEP 26,83		**** 750	**** ****	1	4.2	1	29706	2	1	96		
	SEP 27,83	750 750	810 900	1	0.3	1	29707	2	1	36	E	N
OCT 4,83	OCT 3,83	750 750	1645 200	1	10.0	1	29708	2	1	102		JH
OCT 5,83	OCT 4,83	750 755	900 ****	1	19.2	1	29709	2	1	103		JHM
OCT 6,83	OCT 5,83	755 750	1150 730	1	8.0	1	29710	2	1	97		
OCT 8,83		910 910	100 910	1	7.0	1	29711	2	1	76		
OCT 9,83	OCT 8,83	910 1000	910 1400	1	4.3	1	29712	2	1	97		
	OCT 12,83	750 755	750 600	1	8.4	1	29713	2	1	98		
OCT 14,83	OCT 13,83	755 750	1720 730	1	24.0	1	29714	2	1	104		
OCT 15,83	OCT 14,83	750 850	1500 600	1	4.1	1	29715	2	1	93		
OCT 23,83	OCT 22,83	800 1030	500 1000	1	7.1	1	29716	2	1	83		
OCT 24,83	OCT 23,83	1030 750	1030 1900	1	1.4	1	29717	2	1	39		N
	OCT 24,83	755 750	**** ****	1	0.1	1	29718	2	1	****	EK	
OCT 26,83		755 755	1500 600	1	2.0	1	29719	2	1	39		И
	OCT 26,83	755 750	**** ****	1	4.1	1	29720	2	1	104		JZ
	NOV 2,83	750 745	755 745	1	13.4	1	29721	2 .		U 54	G	
	NOV 3,83	745 750	745 700	2	4.1	1	29722	2	1	47		N
	NOV 4,83	750 830	900 2200	2	****	2	29723	2	1	****		JCM
NOV 11,83	NOV 10,83	830 830	1700 730	2	7.3	2	29724	2	1	112		946 (2002)
NOV 12,83		830 845	945 1400	3	17.5	2	29725	2	1	50		JHCM
	NOV 15,83	755 755	1430 755	3	9.5	2	29726	2	1	102		JM
	NOV 16,83	755 750	755 130	2	9.1	2	29727	2	1	84		М
	NOV 18,83	845 845	2100 100	2	1.3	2	29728	2	1	103		
	NOV 20,83 NOV 23,83	750 750 750 750	1600 200 1600 600	1	8.4	2	29729 29730	2	1	112 116		
	NOV 25,83	815 815	1700 2300	2	1.5	2	29731	2	1	79		
	NOV 28,83	750 750	2130 100	3	5.5	2	29732	2	1	114		
	NOV 29,83	750 745	1600 2000	2	2.3	2	29733	2	1	75		
DEC 1,83	NOV 30,83	745 755	815 1400	2	3.5	2	29734	2	1	67		HC
DEC 2,83		755 750	900 1900	2	1.1	2	29735	2	î	79		110
DEC 3,83	10 10 10 10 10 10 10 10 10 10 10 10 10 1	750 1000	900 2200	2	1.5	2	29736	2		U 221	P	N
DEC 5,83		830 830	1900 200	2	3.2	2	29737	2	î	113		
	DEC 5,83	830 900	400 800	2	5.2	2	29738	2	1	81		
45TA) (GF)		9.5 2 12/2/2				550						

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : BALSAM LAKE/DAILY/AEROCHEM PAGE: 8 #06 **EXPOSURE** VOLUME CONDUCT. PH PH TOTAL H+ SULPHATE NITRATE REMOVAL AS N DATE DATE FIELD LAB TO PH8.3 ML UMHO/CM MG/L MG/L MG/L ***** ***** ***** ***** SEP 10,83 SEP 9,83 94.0 27.5 ***** 0.50 SEP 17,83 SEP 16,83 1103.0 41.5 ***** 4.20 0.1064 3.35 4.32 0.0742 2.45 0.37 SEP 19,83 SEP 18,83 732.0 28.4 4.20 0.0562 1.80 0.22 SEP 21,83 SEP 20,83 740.0 19.9 ***** 4.45 0.03 SEP 22,83 SEP 21,83 212.0 3.8 4.97 5.35 0.0204 0.30 ***** 7.08 0.0142 ***** **** SEP 23,83 SEP 22,83 15.0 ***** U 0.0328 0.06 SEP 24,83 SEP 23,83 34.0 ***** ***** 4.89 1.65 SEP 26,83 SEP 25,83 259.0 49.1 ***** 4.09 0.1218 4.00 0.72 SEP 27,83 ***** ***** ***** ***** ***** SEP 28,83 7.0 ***** OCT 4,83 OCT 3,83 660.0 19.1 4.24 6.50 0.0304 3.80 0.39 OCT 5,83 OCT 4,83 1272.0 44.3 3.80 4.25 0.1148 4.70 0.89 OCT 6,83 OCT 5,83 500.0 15.1 4.15 4.61 0.0556 1.20 0.25 0.0800 2.75 0.67 OCT 8,83 OCT 7,83 343.0 28.6 4.12 4.38 OCT 9,83 OCT 8,83 269.0 28.4 4.14 4.35 0.0782 2.80 0.67 4.80 5.08 0.0262 0.60 0.08 OCT 13,83 OCT 12,83 530.0 6.3 0.0334 0.90 0.11 OCT 14,83 OCT 13,83 1611.0 9.3 4.52 4.68 OCT 15,83 OCT 14,83 247.0 12.2 4.81 5.08 0.0270 1.95 0.35 16.5 4.07 4.47 0.0540 1.40 0.33 OCT 23,83 OCT 22,83 381.0 ***** B 1.4840 0.51 OCT 24,83 OCT 23,83 35.0 ***** 4.29 2.60 ***** ***** OCT 25,83 OCT 24,83 ***** **** ***** ***** *** OCT 25,83 ***** ***** **** ***** 3.40 0.74 OCT 26,83 51.0 0.0722 3.65 0.71 NOV 2,83 OCT 26,83 275.0 29.4 3.96 4.44 NOV 3,83 468.0 73.7 ***** 3.91 0.1544 7.45 1.33 NOV 2,83 ***** 1.05 0.12 7.28 0.0134 NOV 4,83 NOV 3,83 125.0 7.9 NOV 5,83 NOV 4,83 527.0 6.7 4.49 5.06 0.0272 0.45 0.07 NOV 11,83 NOV 10,83 527.0 48.6 3.69 4.10 0.1200 4.05 0.88 0.01 NOV 12,83 NOV 11,83 561.0 4.4 4.92 6.04 0.0194 0.25 <T 0.34 NOV 16,83 NOV 15,83 626.0 14.9 4.11 4.68 0.0464 0.85 0.18 NOV 17,83 NOV 16,83 493.0 10.7 4.36 4.79 0.0372 0.65 0.0870 0.98 NOV 19,83 NOV 18,83 86.0 ***** ***** 4.19 3.65 NOV 21,83 NOV 20,83 604.0 26.0 3.96 4.34 0.0618 2.15 0.54 NOV 24,83 NOV 23,83 3.76 4.05 0.1122 4.15 1.17 261.0 50.0 0.39 NOV 26,83 NOV 25,83 76.0 ***** **** 4.90 0.0300 2.05 NOV 29,83 NOV 28,83 405.0 25.1 3.91 4.30 0.0736 1.90 0.50 0.78 NOV 30,83 ***** 4.33 0.0614 1.60 NOV 29,83 111.0 28.1 5.89 0.22 DEC 1,83 NOV 30,83 151.0 10.2 ***** G 0.0180 1.05 ***** ***** 5.93 0.0220 0.80 <W 0.01 DEC 2,83 DEC 1,83 56.0 G 5.10 0.0278 0.45 0.21 DEC 3,83 DEC 2,83 213.0 7.5 4.71 0.32 DEC 5,83 DEC 4,83 232.0 12.0 4.47 4.74 0.0408 0.70

4.38

4.62

0.0482

0.90

0.42

DEC 6,83 DEC 5,83

272.0

14.7

	STATI	ON NA	ME : B	ALSAM LAKE/D	AILY/AEROCHEM	#06						P	AGE: 9		
	OVAL		OSURE	CALCIUM	CHLORIDE		MAGNESIM		POTASSIM		SODIUM		AMMONIUM AS N		FREE H+
				MG/L	MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
SEP	10,83	SEP	9,83	B 2.93	*****	В	0.415		0.130	G	0.270		****		****
SEP	17,83	SEP	16,83	0.15	0.07		0.015		0.020		0.015		0.304		0.0631
SEP.	19,83	SEP	18,83	0.19	0.08		0.030		0.035		0.015		0.286		0.0479
SEP	21,83	SEP	20,83	0.17	0.05		0.025		0.020		0.030		0.096		0.0355
SEP	22,83		21,83	0.16	0.02		0.020		0.055		0.040	<t< td=""><td>0.004</td><td>G</td><td>0.0045</td></t<>	0.004	G	0.0045
SEP	23,83		22,83	*****	*****	1	*****		*****		*****		*****	U	0.0001
SEP	24,83	SEP	23,83	*****	0.24	4	*****		*****		*****		*****		0.0129
SEP	26,83	SEP	25,83	0.65	0.18		0.090		0.010		0.055		0.310		0.0813
SEP	28,83	SEP	27,83	*****	张兴兴兴兴	4	****		*****		****		*****		****
OCT	4,83	OCT	3,83	0.86	0.16		0.180	В	0.140		0.030		0.620	G	0.0003
OCT	5,83	OCT	4,83	0.04	0.16		0.060		0.075		0.030		0.860		0.0562
OCT	6,83	OCT	5,83	0.11	0.06		0.010		0.030	<w< td=""><td>0.005</td><td></td><td>0.098</td><td></td><td>0.0245</td></w<>	0.005		0.098		0.0245
OCT	8,83	OCT	7,83	0.53	0.16		0.095		0.045	< T	0.010		0.298		0.0417
OCT	9,83		8,83	0.58	0.21		0.090		0.045		0.025		0.298		0.0447
OCT	13,83	OCT	12,83	0.08	0.12		0.010		0.020	< W	0.005		0.076		0.0083
	14,83		13,83	0.08	0.04		0.015		0.015	<w< td=""><td>0.005</td><td></td><td>0.084</td><td></td><td>0.0209</td></w<>	0.005		0.084		0.0209
	15,83		14,83	0.51	0.13		0.095		0.075	<w< td=""><td>0.005</td><td></td><td>0.370</td><td></td><td>0.0083</td></w<>	0.005		0.370		0.0083
OCT	23,83		22,83	0.14	0.06		0.030		0.020		0.080		0.074		0.0339
OCT	24,83	OCT	23,83	****	0.33	1	****		*****		*****		*****		0.0513
OCT	25,83	OCT	24,83	*****	*****	4	****		*****		*****		*****		*****
OCT	26,83		25,83	*****	0.29	4	****		*****		*****		*****		*****
NOA	2,83	OCT	26,83	0.55	0.17		0.080		0.075		0.090		0.540		0.0363
NOA	3,83	NOA	1000	*****	0.27	1	*****		****	-	*****		*****		0.1230
NOA	4,83	NOA	3,83	****	0.10		****		****		****		*****	U	0.0001
MOA	5,83		4,83	0.07	0.05	<t< td=""><td>0.005</td><td><t< td=""><td>0.010</td><td><t< td=""><td>0.010</td><td><t< td=""><td>0.002</td><td></td><td>0.0087</td></t<></td></t<></td></t<></td></t<>	0.005	<t< td=""><td>0.010</td><td><t< td=""><td>0.010</td><td><t< td=""><td>0.002</td><td></td><td>0.0087</td></t<></td></t<></td></t<>	0.010	<t< td=""><td>0.010</td><td><t< td=""><td>0.002</td><td></td><td>0.0087</td></t<></td></t<>	0.010	<t< td=""><td>0.002</td><td></td><td>0.0087</td></t<>	0.002		0.0087
	11,83		10,83	0.15	0.18		0.020		0.030		0.060		0.570		0.0794
	12,83		11,83	0.09	0.06		0.010	<t< td=""><td>0.010</td><td></td><td>0.015</td><td><t< td=""><td>0.006</td><td>G</td><td>0.0009</td></t<></td></t<>	0.010		0.015	<t< td=""><td>0.006</td><td>G</td><td>0.0009</td></t<>	0.006	G	0.0009
	16,83		15,83	0.11	0.11		0.010	<t< td=""><td>0.015</td><td></td><td>0.050</td><td></td><td>0.066</td><td></td><td>0.0209</td></t<>	0.015		0.050		0.066		0.0209
	17,83		16,83	0.08	0.07		0.010	<t< td=""><td>0.010</td><td></td><td>0.020</td><td></td><td>0.010</td><td></td><td>0.0162</td></t<>	0.010		0.020		0.010		0.0162
	19,83		18,83	*****	0.38	1	****		****		*****		****		0.0646
	21,83		20,83	0.20	0.26		0.025		0.035		0.085		0.230		0.0457
	24,83		23,83	0.60	0.36		0.045		0.055		0.120		0.540		0.0891
	26,83		25,83	*****	0.16	1	****		****		*****		****		0.0126
NOA			28,83	0.12	0.09		0.015		0.020		0.040		0.128		0.0501
	30,83		29,83	0.27	0.29		0.040		0.020		0.090		0.206		0.0468
DEC	1,83		30,83	0.38	0.20	5-0	0.035		0.025		0.100		0.162		0.0013
DEC	2,83		1,83	*****	0.51	3	*****	0.44	*****		*****	-	*****		0.0012
DEC	3,83	DEC	2,83	0.25	0.15		0.035	<t< td=""><td>0.010</td><td></td><td>0.065</td><td><t< td=""><td>0.002</td><td>G</td><td>0.0079</td></t<></td></t<>	0.010		0.065	<t< td=""><td>0.002</td><td>G</td><td>0.0079</td></t<>	0.002	G	0.0079
DEC	5,83	DEC	4,83	0.12	0.15		0.025	<t< td=""><td>0.010</td><td></td><td>0.035</td><td></td><td>0.126</td><td></td><td>0.0182</td></t<>	0.010		0.035		0.126		0.0182
DEC	6,83	DEC	5,83	0.14	0.16		0.025		0.020		0.060		0.154		0.0240

ST	NOITA	NAME : E	BALSAM	LAKE/	DAILY	'AEROC	HEM	#06				PAC	GE : 10		
REMOVA DATE	-	XPOSURE DATE	SAMP START HR.	LING ZEND HR.	START HR.	HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	FIELD	MENTS OFFICE
DEC 7,	33 DE	C 6,83	900	1000	800	600	2	30.4	2	29739	2	1	U 34	FI	N
DEC 9,			800	800		1900	2	2.5	2	29740	2	1	28	1.2	N
			1500000000	5 2 5					2	29741	2	1			N
DEC 11,		C 10,83	900	945		1600	2	0.4	2				128		14
DEC 12,	33 DE	C 11,83	945	750	200	750	2	5.5	2	29742	2	1	80		
DEC 13,	33 DE	C 12,83	750	750	810	1600	1	4.3	2	29743	2	1	115		
DEC 15,	33 DE	C 14,83	755	755	830	2330	3	1.4	2	29744	2	1	98		
DEC 17,	33 DE	C 16,83	915	915	1400	2300	2	1.4	2 '	29745	2	1	33		N
DEC 19,		C 18,83	830	830		1600	2	2.1	2	29746	2	1	52	В	
DEC 22,		C 21,83	750	750	1930	700	2	16.2	2	29747	2	î	58	В	
									2					D	
DEC 23,		C 22,83	750	755	845	300	2	5.2	2	29748	2	1	41	_	N
DEC 27,	33 DE	C 26,83	915	915	1400	400	2	1.2	2	29749	2	1	2	E	N
DEC 28,	83 DE	C 27,83	915	755	2300	755	2	3.2	2	29750	2	1	67		
DEC 29,	33 DE	C 28,83	755	755	755	2200	2	10.1	2	29751	2	1	88		
DEC 30,	33 DE	C 29,83	755	755	200	300	2	0.1	2	29752	2	1	31	E	N

STATI	ON NAME : BALS	SAM LAKE/DAILY	//AEROCHEM	#06			PAGE: 11	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
DEC 7,83	DEC 6,83	669.0	9.0	4.56	4.82	0.0360	0.65	0.14
DEC 9,83	DEC 8,83	45.0	铁铁铁铁铁	****	4.12	0.1020	1.80	*****
DEC 11,83	DEC 10,83	33.0	****	*****	4.22	0.0828	2.35	1.22
DEC 12,83	DEC 11,83	285.0	17.2	4.18	4.62	D 0.0424	1.35	0.33
DEC 13,83	DEC 12,83	317.0	23.6	4.08	4.36	0.0610	2.20	0.27
DEC 15,83	DEC 14,83	88.0	*****	*****	3.85	0.1624	4.60	1.51
DEC 17,83	DEC 16,83	30.0	*****	****	G 5.34	0.0302	2.10	1.02
DEC 19,83	DEC 18,83	71.0	*****	*****	4.74	0.0382	0.45	0.33
DEC 22,83	DEC 21,83	611.0	15.7	4.32	4.51	0.0476	1.00	0.38
DEC 23,83	DEC 22,83	139.0	20.9	*****	4.47	0.0562	2.45	0.41
DEC 27,83	DEC 26,83	2.0	*****	****	*****	****	****	*****
DEC 28,83	DEC 27,83	139.0	28.2	****	4.19	0.0850	0.40	0.94
DEC 29,83	DEC 28,83	573.0	7.3	4.48	4.89	0.0302	0.20	0.19
DEC 30,83	DEC 29,83	2.0	*****	****	*****	*****	****	*****

STATI	ION NAME : BAL	SAM LAKE/DAIL	Y/AEROCHEM	#06		PAGE: 12		
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 7,83	DEC 6,83	0.11	0.06	U 0.015	0.020	0.035	0.008	0.0151
DEC 9,83	DEC 8,83	*****	*****	****	*****	*****	****	0.0759
DEC 11,83	DEC 10,83	*****	G 0.89	*****	*****	****	****	0.0603
DEC 12,83	DEC 11,83	0.20	0.22	0.035	0.050	0.150	0.080	0.0240
DEC 13,83	DEC 12,83	0.17	0.10	0.020	0.020	0.050	0.074	0.0437
DEC 15,83	DEC 14,83	0.40	0.47	0.075	0.035	0.230	*****	0.1413
DEC 17,83	DEC 16,83	*****	G 1.17	*****	*****	****	*****	G 0.0046
DEC 19,83	DEC 18,83	****	0.30	*****	*****	*****	****	0.0182
DEC 22,83	DEC 21,83	0.08	U 0.12	0.020	0.035	0.035	0.070	0.0309
DEC 23,83	DEC 22,83	*****	0.19	*****	*****	*****	0.152	0.0339
DEC 27,83	DEC 26,83	*****	*****	*****	*****	*****	*****	*****
DEC 28,83	DEC 27,83	****	0.63	*****	*****	*****	<t 0.004<="" td=""><td>0.0646</td></t>	0.0646
DEC 29,83	DEC 28,83	0.03	0.06	0.010	<w 0.005<="" td=""><td>0.020</td><td><w 0.002<="" td=""><td>0.0129</td></w></td></w>	0.020	<w 0.002<="" td=""><td>0.0129</td></w>	0.0129
DEC 30,83	DEC 29,83	*****	*****	****	*****	*****	*****	****

STATION NAME : DORSET/DAILY/AEROCHEM #20

PAGE: 1

		MOVAL		POSURE DATE	SAMP START HR.	/END	START	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		OFFICE
								03-	COMP/04-0	THER	OZ MITHER		03-3FECTAL	U3-AE3	(7.)		
	JAN	2,83	14N	1,83	900	900	жжжж	****	2	0.9	2	27717	2			FV	
	JAN	4,83	JAN		800	800		1200	2	0.7	2	27713 27716	2	1	****	EK	
	JAN	5,83	JAN		800	800		****	2	0.3	2	27719	2	1	42 10	E	N
	JAN	6,83		5,83	800	800		1200	2	0.9	2	27722	2	1	24	L	N
	JAN	7,83		6,83	800	800	2400	800	2	8.3	2	27725	2	1	52		14
		8,83		7,83	800	800		1800	2	5.5	2	27728	2	î	85		
		11,83		10,83	800	800	1000	800	1	26.9	2	27731	2	î	94		
	JAN	12,83	JAN	11,83	800	800	800	200	4	5.4	2	27734	2	ī	59		
	JAN	14,83	JAN	13,83	800	800	****	****	2	0.9	2	27738	2	1	****	EK	
	JAN	15,83	JAN	14,83	800	900	****	***	2	3.2	2	27741	2	1	16	271	N
	NAC	16,83	JAN	15,83	900	900	****	***	2	0.4	2	27744	2	1	3	E	N
	JAN	17,83	JAN	16,83	900	800	900	1000	2	0.3	2	27747	2	1	****	EK	
	JAN	23,83	JAN	22,83	900	900	***	****	2	1.1	2	27751	2	1	32		N
	JAN	24,83	JAN	23,83	900	800	****	***	2	3.1	2	27754	2	1	42		N
		25,83		24,83	800	800	2400	800	2	3.0	2	27758	2	1	26		N
		26,83		25,83	800	800		1800	2	2.8	2	27762	2	1	57		
		27,83		26,83	800	800	****		2	0.2	2	27766	2	1	****	EK	
		28,83		27,83	800	800		****	2	0.2	2	27769	2	1	****	EK	
		31,83		30,83	800	800	1200	800	2	7.8	2	27772	2	1	67		
	FEB	1,83		31,83	800	800		1800	2	2.0	2	27776	2	1	29		N
	FEB	3,83		2,83	800	800	900	800	1	24.4	2	27780	2	1	98		
	FEB	4,83	FEB		800	800		2400	4	6.4	2	27784	2	1	68		
	FEB	5,83	FEB	4,83	800	800		1200	2	0.2	2	27788	2	1	***	EK	
	EB	7,83	FEB	6,83	800	800	400	800	2	1.3	2	27791	2	1	2	E	N
	FEB	8,83	FEB		800	830		1300	2	1.2	2	27795	2	1	5	E	N
		17,83		16,83	800	800	300	800	3	3.0	2	27799	2	1	96	_	
		18,83		17,83	800 800	800 900	800	900	4	0.2	2	27803	2	1	15	E	N
		21,83		18,83	800	800	500 1700	800 300	1 2	0.6	2	27807	2	1	15	E	NY3
		24,83		23,83	800	800	1400		2	11.9 0.7	2	27810	2	1	89		
	1AR	3,83	MAR		800	800	1200		4	0.3	2	27814 27820	2	1	37		N
	IAR	4,83	MAR		800	800	2230	200	2	7.9	2	27824	2	1	119 70		
	IAR	5,83	MAR	4,83	800	800	****		1	1.2	2	27828	2	1	81		
	1AR	7,83	MAR	6,83	800	800	1800		î	0.8	2	27831	2	1	97		
	1AR	8,83	MAR	7,83	800	900	****		1	0.2	2	27835	2	1	15	E	м
	IAR	9,83	MAR	8,83	900	800	2400	600	î	2.4	2	27838	2	1	89	_	N C
		10,83	MAR		800	800	1200		1	2.4	2	27841	2	î	79		М
-		16,83		14,83	800	800	****		4	0.5	2	27845	2	1	59		Z
_		19,83		18,83	800	930	1900	930	1	7.1	2	27848	.2	30.0	U 29	G	~
				19,83	930	930	930	2400	3	5.6	2	27851	2	i	87		

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STATION NAME : DORSET/DAILY/AEROCHEM	#20	PAGE : 2

	SIAI	TON 14	AIIL .	DONSET/ BATET/ AER	OCHEN #20				PAGE . E	
F	EMOVAL	EX	POSURE	VOLUME	CONDUCT.	РН	PH	TOTAL H+	SULPHATE	NITRATE
	DATE		DATE			FIELD	LAB	TO PH8.3		AS N
				ML	UMHO/CM			MG/L	MG/L	MG/L
JA	N 2,83	JAN	1,83	*****	****	*****	*****	****	****	*****
JA	N 4,83	JAN	3,83	19.0	*****	*****	4.34	0.0626	*****	*****
JA	N 5,83	JAN	4,83	2.0	*****	*****	*****	*****	*****	*****
JA	N 6,83	JAN	5,83	14.0	*****	*****	4.22	0.0812	****	*****
JA	N 7,83	JAN	6,83	279.0	26.0	4.26	4.21	0.0824	1.25	0.66
JA	N 8,83	JAN	7,83	300.0	27.4	4.09	4.30	0.0848	1.80	0.50
JA	N 11,83	JAN	10,83	1626.0	16.3	4.31	4.44	0.0606	1.05	0.23
JA	N 12,83	JAN	11,83	205.0	28.4	4.06	4.19	0.0828	1.55	0.73
JA	N 14,83	JAN	13,83	*****	*****	*****	*****	****	*****	*****
JA	N 15,83	JAN	14,83	34.0	*****	*****	3.96	G 0.2460	0.65	1.24
JA	N 16,83	JAN	15,83	1.0	*****	*****	*****	*****	****	*****
JA	N 17,83	JAN	16,83	****	****	*****	*****	****	****	****
JA	N 23,83	JAN	22,83	23.0	*****	*****	4.28	0.0788	*****	*****
JA	N 24,83	JAN	23,83	84.0	*****	*****	3.90	0.1406	2.70	1.05
JA	N 25,83	JAN	24,83	51.0	*****	*****	4.39	0.0660	1.25	0.29
JA	N 26,83	JAN	25,83	104.0	*****	*****	4.66	0.0438	0.85	0.10
JA	N 27,83	JAN	26,83	****	*****	*****	*****	****	*****	*****
JA	N 28,83	JAN	27,83	*****	*****	*****	*****	****	*****	*****
JA	N 31,83	JAN	30,83	337.0	44.0	4.06	3.99	0.1254	2.80	0.80
FE	B 1,83	JAN	31,83	38.0	*****	*****	*****	*****	*****	*****
FE	B 3,83	FEB	2,83	1537.0	26.0	4.29	4.24	0.0828	1.55	0.33
FE	B 4,83	FEB	3,83	283.0	25.2	4.25	4.24	0.0852	1.60	0.35
FE	B 5,83	FEB	4,83	*****	*****	*****	*****	*****	****	*****
FE	B 7,83	FEB	6,83	2.0	*****	*****	*****	*****	*****	*****
FE	B 8,83	FEB	7,83	4.0	*****	*****	*****	*****	*****	*****
FE	B 17,83	FEB	16,83	186.0	G 92.0	3.73	3.67	G 0.2300	5.85	1.69
FE	B 18,83	FEB	17,83	2.0	*****	*****	*****	*****	*****	*****
FE	B 21,83	FEB	18,83	6.0	*****	*****	*****	*****	*****	*****
FE	B 23,83	FEB	22,83	684.0	27.5	4.28	4.26	0.0786	1.55	0.46
FE	B 24,83	FEB	23,83	17.0	*****	*****	4.44	0.0590	*****	*****
MA	R 3,83	MAR	2,83	23.0	*****	*****	4.20	0.0918	*****	*****
-MA	R 4,83	MAR	3,83	356.0	30.5	4.24	4.25	0.0746	2.05	D 0.65
MA					*****	*****	3.90	0.1508	5.95	1.22
114	R 7,83	MAR			*****	*****	4.12	0.0984	3.85	0.56
MA					*****	****	****	*****	*****	*****
MA		MAR			39.2	****	4.28	0.0682	1.70	0.49
	R 10,83	MAR			74.0	****	3.87	0.1768	6.00	1.30
	R 16,83		14,83		*****	*****	*****	*****	*****	*****
	R 19,83		18,83	132.0	6.0	*****	U 5.27	0.0240	0.50	0.09
	R 20,83		19,83	315.0	6.8	4.65	4.97	0.0286	0.35	0.08

STATION NAME : DORSET/DAILY/AEROCHEM #20 PAGE : 3

REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 2,83	JAN 1,83	****	*****	*****	*****	****	*****	****
JAN 4,83	JAN 3,83	*****	*****	*****	****	*****	****	0.0457
JAN 5,83	JAN 4,83	*****	*****	*****	*****	*****	****	*****
JAN 6,83	JAN 5,83	*****	*****	*****	*****	*****	****	0.0603
JAN 7,83	JAN 6,83	0.03	0.12	0.005	<t 0.005<="" td=""><td>0.015</td><td>0.180</td><td>0.0617</td></t>	0.015	0.180	0.0617
JAN 8,83	JAN 7,83	<t 0.02<="" td=""><td>0.07</td><td>0.005</td><td><t 0.005<="" td=""><td>0.025</td><td>0.236</td><td>0.0501</td></t></td></t>	0.07	0.005	<t 0.005<="" td=""><td>0.025</td><td>0.236</td><td>0.0501</td></t>	0.025	0.236	0.0501
JAN 11,83	JAN 10,83	<w 0.01<="" td=""><td>0.07</td><td>0.005</td><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.060</td><td>0.0363</td></t></td></w></td></w>	0.07	0.005	<w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.060</td><td>0.0363</td></t></td></w>	<t 0.010<="" td=""><td>0.060</td><td>0.0363</td></t>	0.060	0.0363
JAN 12,83	JAN 11,83	<t 0.02<="" td=""><td>0.12</td><td>0.005</td><td>0.050</td><td>0.030</td><td>0.288</td><td>0.0646</td></t>	0.12	0.005	0.050	0.030	0.288	0.0646
JAN 14,83	JAN 13,83	*****	*****	*****	*****	*****	****	*****
JAN 15,83	JAN 14,83	*****	*****	*****	*****	*****	*****	0.1096
JAN 16,83	JAN 15,83	*****	*****	*****	*****	*****	*****	*****
JAN 17,83	JAN 16,83	*****	*****	*****	****	*****	****	****
JAN 23,83	JAN 22,83	*****	*****	*****	*****	*****	****	0.0525
JAN 24,83		0.04	0.24	*****	0.070	0.055	****	0.1259
JAN 25,83	JAN 24,83	*****	0.10	*****	*****	*****	****	0.0407
JAN 26,83	JAN 25,83	<t 0.01<="" td=""><td>0.09</td><td>0.010</td><td>0.040</td><td>0.030</td><td>0.064</td><td>0.0219</td></t>	0.09	0.010	0.040	0.030	0.064	0.0219
JAN 27,83	JAN 26,83	****	*****	*****	*****	****	****	****
JAN 28,83	JAN 27,83	*****	*****	*****	*****	*****	*****	*****
JAN 31,83		0.06	0.18	<w 0.005<="" td=""><td>0.030</td><td>0.040</td><td>0.284</td><td>0.1023</td></w>	0.030	0.040	0.284	0.1023
FEB 1,83	JAN 31,83	*****	*****	*****	*****	*****	*****	*****
FEB 3,83	FEB 2,83	0.02	0.13	<w 0.005<="" td=""><td>0.055</td><td>0.050</td><td>0.068</td><td>0.0575</td></w>	0.055	0.050	0.068	0.0575
FEB 4,83		*****	0.08	*****	****	****	0.066	0.0575
FEB 5,83	FEB 4,83	*****	*****	*****	*****	*****	*****	*****
FEB 7,83	FEB 6,83	*****	*****	*****	*****	*****	****	*****
FEB 8,83	FEB 7,83	****	****	*****	*****	*****	****	*****
FEB 17,83		*****	0.40	*****	*****	*****	0.780	0.2138
FEB 18,83	FEB 17,83	*****	*****	*****	****	*****	****	*****
FEB 21,83	FEB 18,83	*****	*****	*****	*****	*****	*****	****
FEB 23,83	T - 4. TRANS - TRANSPORT	0.03	0.10	0.010	0.010	0.025	0.228	0.0550
FEB 24,83		*****	*****	*****	*****	*****	****	0.0363
MAR 3,83		*****	*****	*****	*****	*****	****	0.0631
MAR 4,83	MAR 3,83	0.03	0.15	0.010	0.030	0.035	0.490	0.0562
MAR 5,83		*****	0.23	*****	****	按该该 按按	并 并并并并	0.1259
MAR 7,83		*****	0.42	*****	****	*****	****	0.0759
MAR 8,83		*****	*****	*****	****	*****	*****	*****
MAR 9,83	MAR 8,83	0.11	0.17	0.015	0.120	0.130	0.104	0.0525
MAR 10,83	MAR 9,83	0.16	D 0.35	0.030	G 0.440	0.255	0.144	0.1349
MAR 16,83	MAR 14,83	*****	****	*****	****	*****	****	*****
MAR 19,83		0.11	0.16	0.020	0.050	0.230	<w 0.002<="" td=""><td>U 0.0054</td></w>	U 0.0054
MAR 20,83	MAR 19,83	0.03	0.06	<t 0.005<="" td=""><td>0.020</td><td>0.035</td><td><w 0.002<="" td=""><td>0.0107</td></w></td></t>	0.020	0.035	<w 0.002<="" td=""><td>0.0107</td></w>	0.0107

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STATION NAME :	DORSET/DAILY/AEROCHEM	#20	*	PAGE : 4

														- ·			
	MOVAL DATE		POSURE DATE	START	/END HR.	STAR	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM) THER	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	CODE 01-MOE	EFF	IPLER ICI- ICY Z)	COMM FIELD	ENTS OFFICE
MAR	22,83	MAR	21,83	800	800	800	800	2	19.4	2	27854	2	1		33		NC
	23,83		22,83	800	800		1400	2	1.1	2	27857	2	î		1	E	N
	28,83		27,83	800	800		****	3	1.9	2	27860	2	î		22	_	N
	29,83		28,83	800	830		1600	4	6.4	2	27863	2	i	1	19		14
APR			2,83	800	800	2200		3	11.5	2	27866	2	î		79		С
APR		APR		800	800	1800		ī	2.8	2	27869	2	1		67		C
APR		APR		800	800		****	1	0.9	2	27872	2	i		19		M
	7,83	APR		800	800		800	1	5.0	1	27875	2	1		99	G	N
	8,83	APR		800	800		1230	1	3.8	1	27878			-	0.0	G	С
	10,83		9,83		1000		1000	1	17.6			2	1		80		
	11,83		10,83	1000	800	1000		1		2	27881	2	1		99		
	12,83		11,83	800	800		1300		0.4	2	27884	2	1		66		
			13,83	800	800			1	6.0	1	27887	2	1		75		
	14,83						800	1	2.6	1	27891	2	1		78		
	15,83 16,83		14,83	800 800	800		2300	1	14.0	1	27894	2	1		95		
			15,83		800		****	1	0.2	1	27897	2	1		**	EK	
	17,83		16,83		800		1200	2	0.4	3	27900	2	1		**	EK	7.05
	20,83		19,83	800	800		700	2	0.3	2	27903	2	1		36	E	N
	21,83		20,83	800	800	1600	800	2	3.8	2	27906	2	1		46		N
	22,83		21,83	800	800		1100	2	0.4	2	27909	2	1		81		
	29,83		28,83	800	008	1830	230	1	8.6	1	27912	2	1		90		
MAY			30,83	800	800	1400		1	13.8	1	27915	2	1		98		С
MAY			1,83	800	800		800	1	16.0	1	27918	2	1		06		
MAY			2,83	800	800	1430		1	23.8	1	27921	2	1		95		
MAY		MAY		800	800	1630		1	4.6	1	27924	2	1		76		
MAY		MAY		800	800	1800		1	19.8	1	27927	2	1		98		
MAY			7,83	800	800	1200		1	38.6	1	27930	2	1		99		
	15,83		14,83	830	830	2100		1	10.0	1	27933	2	1	1	07		
	20,83			800	800	1600		1	11.5	1	27936	2	1	1	04		
	23,83		22,83	800	800	1430	600	1	20.0	1	27939	2	1	1	02		
	24,83		23,83	800	800	100	200	1	3.0	1	27942	2	1		72		
	26,83	MAY	25,83	800	800	800	2030	1	12.0	1	27945	2	1		91		
MAY	27,83	MAY	26,83	800	800	800	1600	1	2.2	1	27948	2	1		80		
MAY	30,83	MAY	27,83	800	800	1500	300	1	10.0	1	27951	2	1	1	02		Y3
JUN	1,83	MAY	30,83	800	800	1400	800	1	6.2	1	27954	2	1		92		Z
JUN	7,83	JUN	6,83	830	830	300	830	1	0.9	1	27957	2	1		86		
JUN	8,83	JUN	7,83	830	830	830	930	1	0.8	1	27960	2	1		50		
	10,83		9,83	830	800	2130	130	1	7.0	1	27963	2	1		94		
JUN	27,83	NUC	26,83	800	800	2200	500	1	3.6	1	27966	2	1		96		
JUN	28,83	JUN	27,83	800	800	800	900	1	0.6	1	27969	2	1		13	E	N
JUL	1,83	JUN	30,83	800	800	2100	2300	1	0.6	1	27972	2	1		96	1000	

_JUL 1,83 JUN 30,83

37.0

STATION NAME : DORSET/DAILY/AEROCHEM PAGE : 5 TOTAL H+ SULPHATE NITRATE REMOVAL **EXPOSURE** VOLUME CONDUCT. PH PH LAB TO PH8.3 AS N FIELD DATE DATE MG/L MG/L MG/L ML UMHO/CM 412.0 G 4.90 5.15 0.0260 0.35 <T 0.01 MAR 22,83 MAR 21,83 1.2 MAR 23,83 MAR 22,83 1.0 ***** ***** ***** ***** ***** ***** ***** ***** ***** 4.25 0.68 MAR 28,83 MAR 27,83 28.0 ***** 4.26 4.31 0.0748 1.50 0.43 MAR 29,83 MAR 28,83 489.0 28.5 3,83 APR 2,83 585.0 8.5 G 4.78 4.94 0.0268 0.50 0.12 APR 0.31 APR 4,83 APR 3,83 121.0 17.7 ***** 4.51 0.0534 1.00 APR 5,83 APR 4,83 11.0 ***** ***** ***** ***** ***** ***** 59.5 4.20 4.35 0.0732 3.25 0.38 APR 7,83 APR 6,83 319.0 APR 8,83 APR 7,83 196.0 ***** 4.07 4.11 0.1068 3.30 0.49 APR 10,83 APR 9,83 1122.0 D 14.6 D 4.50 4.67 0.0368 1.00 0.17 APR 11,83 APR 10,83 17.0 ***** **** ***** **** 9.40 1.43 ***** 4.20 G 0.4100 2.30 APR 12,83 APR 11,83 290.0 4.12 0.49 ***** ***** 3.84 0.1986 8.55 1.11 APR 14,83 APR 13,83 130.0 APR 15,83 APR 14,83 39.1 4.09 4.19 0.0916 3.65 0.45 853.0 APR 16,83 APR 15,83 **** ***** ***** ***** **** **** ***** ***** ***** ***** ***** **** ***** **** APR 17,83 APR 16,83 ***** **** ***** ***** ***** APR 20,83 APR 19,83 7.0 ***** APR 21,83 APR 20,83 113.0 ***** ***** 4.83 0.1090 0.85 0.07 ***** ***** APR 22,83 APR 21,83 21.0 ***** ***** 0.25 0.04 APR 29,83 APR 28,83 499.0 37.6 4.13 4.27 0.0896 3.70 0.51 1,83 APR 30,83 867.0 10.9 4.64 4.83 0.0342 0.95 0.08 MAY 4.67 1.65 0.13 MAY 2,83 MAY 1,83 1089.0 16.5 4.44 0.0468 1456.0 13.4 4.62 4.91 0.0350 1.55 0.20 3,83 MAY 2,83 227.0 16.6 4.45 4.59 0.0474 1.45 0.11 MAY 4,83 MAY 3,83 3.95 0.88 7,83 MAY 6,83 1254.0 50.8 4.01 4.09 0.1184 MAY 0.34 MAY 8,83 MAY 7,83 2450.0 22.4 4.37 4.55 0.0528 2.60 MAY 15,83 MAY 14,83 687.0 32.4 4.16 4.29 0.0786 3.20 0.35 4.84 0.0350 1.10 0.15 MAY 20,83 MAY 19,83 767.0 11.4 4.67 MAY 23,83 MAY 22,83 1317.0 21.2 4.33 4.50 0.0556 1.80 0.27 MAY 24,83 MAY 23,83 139.0 ***** ***** 4.83 0.0348 1.45 0.07 4.25 0.0910 MAY 26,83 MAY 25,83 704.0 38.3 4.14 3.30 0.65 MAY 27,83 MAY 26,83 113.0 ***** ***** ***** **** 0.75 0.03 MAY 30,83 MAY 27,83 654.0 32.1 4.14 4.25 0.0874 3.25 0.25 4.29 0.0670 0.44 JUN 1,83 MAY 30,83 367.0 26.2 4.47 2.80 JUN 7,83 JUN 6,83 50.0 ***** **** G 5.43 0.0334 3.45 0.50 JUN 8,83 JUN 7,83 ***** ***** G 5.62 G 0.5120 3.70 0.54 26.0 39.0 4.20 0.1552 1.00 JUN 10,83 JUN 9,83 423.0 4.41 4.90 JUN 27,83 JUN 26,83 223.0 ***** 3.90 4.05 0.1344 7.35 0.81 JUN 28,83 JUN 27,83 5.0 ***** ***** ***** ***** ***** ***** 7.55 0.98

3.84

0.1968

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STATION NAME : DORSET/DAILY/AEROCHEM	#20	PAGE	:	6
OE.				

REMOVAL DATE	EXPOSURE DATE	CALCIUM MG/L	CHLORIDE MG/L	MAGNESIM MG/L	POTASSIM MG/L	SODIUM MG/L	AMMONIUM AS N MG/L	FREE H+ LAB MG/L
					0.010	0.015	<t 0.006<="" td=""><td>G 0.0071</td></t>	G 0.0071
MAR 22,83	MAR 21,83	0.03	0.02	<t 0.005<="" td=""><td>0.010</td><td>0.015</td><td><t 0.004<br="">*****</t></td><td>¥****</td></t>	0.010	0.015	<t 0.004<br="">*****</t>	¥****
MAR 23,83	MAR 22,83	*****	*****	*****	*****	*****	*****	*****
MAR 28,83	MAR 27,83	*****	*****	*****	*****	*****		0.0490
MAR 29,83	MAR 28,83	0.06	0.02	<t 0.005<="" td=""><td>0.010</td><td>0.015</td><td>0.064</td><td>0.0490</td></t>	0.010	0.015	0.064	0.0490
APR 3,83	APR 2,83	D 0.03	<w 0.01<="" td=""><td><t 0.005<="" td=""><td>0.015</td><td>0.015</td><td>0.060</td><td>0.0115</td></t></td></w>	<t 0.005<="" td=""><td>0.015</td><td>0.015</td><td>0.060</td><td>0.0115</td></t>	0.015	0.015	0.060	0.0115
APR 4,83	APR 3,83	0.17	0.05	<t 0.005<="" td=""><td>0.060</td><td>0.050</td><td></td><td>W****</td></t>	0.060	0.050		W****
APR 5,83	APR 4,83	*****	*****	****	*****	*****	*****	0.0447
APR 7,83	APR 6,83	0.54	0.16	0.040	0.140	0.105	0.098	0.0776
APR 8,83	APR 7,83	0.14	0.10	0.010	0.060	0.050	0.166	0.0214
APR 10,83	APR 9,83	0.05	0.06	0.010	0.050	0.050	0.064	0.0214 *****
APR 11,83	APR 10,83	*****	*****	*****	*****	*****	*****	0.0631
APR 12,83	APR 11,83	0.04	0.07	0.010	0.030	0.030	0.114	
APR 14,83	APR 13,83	0.72	0.31	0.080	0.110	0.160	0.750	0.1445
APR 15,83	APR 14,83	0.27	0.21	0.050	0.050	0.110	0.272	0.0646
APR 16,83	APR 15,83	****	*****	*****	*****	*****	*****	*****
APR 17,83	APR 16,83	*****	*****	*****	*****	*****	*****	*****
APR 20,83	APR 19,83	****	*****	*****	*****	*****	*****	*****
APR 21,83	APR 20,83	0.07	0.07	0.010	0.040	0.030	0.024	0.0148
APR 22,83	APR 21,83	*****	0.07	*****	*****	*****	*****	*****
APR 29,83	APR 28,83	0.33	0.11	0.050	0.045	0.030	0.450	0.0537
MAY 1,83	APR 30,83	0.05	0.04	0.020	0.015	<w 0.005<="" td=""><td>0.040</td><td>0.0148</td></w>	0.040	0.0148
MAY 2,83	MAY 1,83	0.12	0.08	0.030	0.030	0.035	0.152	0.0214
MAY 3,83	MAY 2,83	0.27	0.08	0.045	0.045	0.040	0.282	0.0123
MAY 4,83	MAY 3,83	0.16	0.08	0.025	0.030	0.055	0.020	0.0257
MAY 7,83	MAY 6,83	0.54	0.20	0.065	0.040	0.040	0.430	0.0813
MAY 8,83	MAY 7,83	0.40	0.11	0.065	0.040	0.060	0.352	0.0282
MAY 15,83	MAY 14,83	0.17	0.13	0.025	0.045	0.055	0.420	0.0513
MAY 20,83	MAY 19,83	0.24	0.06	0.035	0.030	0.030	0.074	0.0145
MAY 23,83	MAY 22,83	0.10	0.10	0.020	0.030	0.025	D 0.198	0.0316
MAY 24,83	MAY 23,83	0.13	0.14	0.025	0.055	0.055	0.106	0.0148
MAY 26,83	MAY 25,83	0.27	0.15	0.045	0.035	0.030	0.518	0.0562
-MAY 27,83	MAY 26,83	0.19	0.21	0.065	0.050	0.110	0.164	*****
MAY 30,83	MAY 27,83	0.10	0.08	0.020	0.035	0.035	0.310	0.0562
JUN 1,83	MAY 30,83	0.33	0.12	0.045	0.060	0.045	0.332	0.0339
JUN 7,83	JUN 6,83	*****	0.26	****	*****	*****	0.720	G 0.0037
JUN 8,83	JUN 7,83	*****	*****	****	*****	*****	*****	G 0.0024
JUN 10,83	JUN 9,83	1.21	0.22	0.200	0.055	0.040	0.660	0.0389
JUN 27,83	JUN 26,83	0.77	0.25	0.145	0.125	0.085	0.760	0.0891
JUN 28,83	JUN 27,83	*****	*****	*****	*****	*****	*****	*****
_JUL 1,83	JUN 30,83	*****	0.34	****	*****	*****	*****	0.1445

STATION NAME : DORSET/DAILY/AEROCHEM #20 PAGE : 7

	SIAII	OH HAIL		OKSLI	DAILI	ALKO	LIILI	#20					PA	GE .	,		
	MOVAL DATE	DAT		SAMP START HR.		START	HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM) THER	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	EF E	MPLER FICI- NCY (%)	COMM FIELD	ENTS OFFICE
1111	5,83	JUL 1	. 87	800	800	1700	2100	1	21.0	1	27975	2	1		107	E	Z
	9,83	JUL 8		800	800	2300		î	1.6	1	27978	2	1		102	E	2
	16,83	JUL 15	10.50	800	800	1230		î	0.1	i	27981	2	1		15	E	N
	20,83	JUL 19		800	800	1400		1	0.1	î	27984	2	î	-14	***	Ē	
	22,83	JUL 21		800	800	1200		ī	3.2	î	27987	2	1		27		N
	29,83	JUL 28		800	800	1500		ī	1.6	î	27990	2	î		72		
	30,83	JUL 29		800	800	1930		ī	1.6	1	27993	2	1		84		
AUG		JUL 31		800	800	1900		1	7.0	1	27996	2	î		99		
AUG			,83	800	800	1700		1	2.6	1	27999	2	1	U	12	G	
AUG	4,83	AUG 3	,83	800	800	2000	800	1	5.8	1	97701	2	1	100	78		
AUG	7,83	AUG 6	,83	800	800	2000	2100	1	3.2	1	97704	2	1		80	A	JH
AUG	9,83	AUG 8	,83	800	800	1130	1230	1	28.8	1	97707	2	1		100		
AUG	17,83	AUG 16	,83	800	800	600	800	1	2.6	1	97710	2	1		97		HM
AUG	20,83	AUG 19	,83	800	800	1400	1630	1	1.8	1	97716	2	1		77	A	
AUG	22,83	AUG 21	,83	800	800	2400	800	1	16.4	1	97719	2	1		105		М
AUG	23,83	AUG 22	,83	800	830	830	1000	1	0.6	1	97722	2	1		5	E	N
AUG	28,83	AUG 27	,83	800	800	1400	1500	1	18.8	1	97725	2	1		108		JC
AUG	29,83	AUG 28	,83	800	800	200	230	1	***	1	97728	2	1	*	***	E	
AUG	30,83	AUG 29	,83	800	830	1600	1630	1	0.1	1	97731	2	1		124	E	N
AUG	31,83	AUG 30	,83	830	1430	1030	1100	1	0.4	1	97734	2	1		66		
SEP	6,83	SEP 5	,83	800	830	820	830	1	1.8	1	56001	2	1		75		
SEP	8,83	SEP 6	,83	830	830	830	930	1	4.2	1	56004	2	1		88		Z
SEP	10,83	SEP 9	,83	800	800	1700	2430	1	12.8	1	56007	2	1		99		J
SEP	11,83	SEP 10	,83	800	800	130	430	1	4.8	1	56010	2	1		89		J
SEP	17,83	SEP 16	,83	800	800	830	2330	1	21.5	1	56013	2	1		99		
SEP	18,83	SEP 17	,83	800	800	1445	1515	1	0.8	1	56016	2	1		58	В	
SEP	19,83	SEP 18	,83	800	800	1030	1500	1	9.2	1	56019	2	1		97		
SEP	21,83	SEP 20	,83	800	800	2400	800	1	44.2	1	56022	2	1		102		
	22,83	SEP 21	,83	800	800	2230	430	1	4.4	1	56025	2	1		81		JHC
SEP	23,83	SEP 22	,83	800	800	2030	100	1	10.0	1	56028	2	1		93		JHCM
SEP	24,83	SEP 23	,83	800	830	1400	1730	1	1.9	1	56031	2	1		55		H
SEP	26,83	SEP 25		800	830	1930	2300	1	5.4	1	56034	2	1		99		
OCT	4,83	OCT 3	,83	830	830	1600	1800	1	16.3	1	56037	2	1		100		ни
OCT			,83	830	800	2000	2230	1	7.9	1	56040	2	1		91		
OCT	6,83	OCT 5	,83	800	800	330	730	1	5.4	1	56043	2	1		93		
OCT			,83	800	800	1000	1330	1	3.8	1	56046	2	1		77		JH
_oct	8,83		,83	800	800	1830	600	1	23.0	1	56049	2	1		102		
	11,83		,83	800	800	****	***	1	1.4	1	56052	2	1		52		Y3
	13,83	OCT 12		800	800		1400	1	6.2	1	56055	2	1		94		
OCT	14,83	OCT 13	,83	800	830	1700	230	1	29.2	1	56058	2	1		108		

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STATION NAME : DORSET/DAILY/AEROCHEM	#20	PAGE: 8
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	SIAIL	014 147	THE . L	OKSET/ BATET/ AL	ROCHEH WEG							
	IOVAL	1000000	POSURE	VOLUME	CONDUCT.	PH		PH	TOTAL H+	SULPHATE	1	NITRATE
E)ATE	1	DATE			FIELD		LAB	TO PH8.3			AS N
				ML	UMHO/CM				MG/L	MG/L		MG/L
	5,83		1,83	1450.0	****	4.35		*****	*****	*****	4	*****
JUL	9,83	JUL	8,83	105.0	*****	*****		4.43	0.0676	2.50		0.26
JUL	16,83	JUL	15,83	1.0	****	*****		****	****	*****		****
JUL	20,83	JUL	19,83	****	****	*****		*****	*****	*****	3	****
JUL	22,83	JUL	21,83	57.0	****	*****		4.86	0.0386	0.90		0.20
JUL	29,83	JUL	28,83	74.0	*****	*****		3.55	G 0.3880	G 18.00	G	2.18
JUL	30,83	JUL	29,83	87.0	51.0	*****		4.26	0.1000	5.25		0.60
AUG	1,83	JUL	31,83	448.0	35.0	4.10		4.24	0.0864	3.40		0.38
AUG	2,83	AUG	1,83	21.0	*****	*****	U		0.0194	*****	7	*****
AUG	4,83	AUG	3,83	291.0	53.0	3.97		4.07	0.1162	5.70		0.74
AUG	7,83	AUG	6,83	166.0	*****	4.26	U	5.60	0.0280	1.75		0.16
AUG	9,83	AUG	8,83	1857.0	10.8	4.47		4.92	0.0318	1.35		0.07
AUG	17,83	AUG	16,83	162.0	G 142.0	*****		3.77	G 0.3120	12.80	G	2.20
AUG	20,83	AUG	19,83	89.0	****	*****		5.12	0.0380	3.20		0.91
	22,83	AUG	21,83	1107.0	22.0	4.18		4.55	0.0582	2.20		0.28
	23,83		22,83	2.0	*****	*****		*****	****	*****		*****
	28,83	AUG	27,83	1312.0	8.4	4.55		5.24	0.0266	0.90		0.12
	29,83		28,83	1.0	*****	*****		*****	****	*****	,	****
	30,83		29,83	8.0	*****	****		*****	****	*****	3	****
	31,83		30,83	17.0	*****	*****	G	5.73	*****	****		****
	6,83			87.0	*****	****		3.94	0.2020	10.10		0.66
SEP	8,83	SEP	6,83	239.0	62.0	3.90		4.02	0.1414	7.15		0.50
	10,83	SEP		820.0	48.3	3.73		4.17	0.0998	5.60		0.79
	11,83	SEP	10,83	276.0	16.0	4.19		4.71	0.0434	1.70		0.24
	17,83		16,83	1368.0	24.6	4.12		4.38	0.0672	2.00		0.26
		SEP	17,83	30.0	*****	*****		*****	*****	3.95		0.39
	19,83	SEP	18,83	576.0	34.4	4.01		4.30	0.0816	3.45		0.50
	21,83		20,83	2910.0	14.5	4.23		4.62	0.0496	1.60		0.13
	22,83		21,83	230.0	6.7	4.67	G	5.44	0.0228	0.60		0.04
	23,83		22,83	602.0	4.2	4.75	G	5.38	0.0232	0.20		0.02
	24,83		23,83	68.0	*****	*****		5.00	0.0296	1.75	< W	0.01
	26,83		25,83	345.0	31.8	3.88		4.26	0.0832	2.40		0.64
	4,83		3,83	1053.0	28.6	4.00		4.36	0.0716	3.60		0.36
OCT		OCT	4,83	461.0	43.4	3.84		4.12	0.1176	4.50		0.61
OCT		OCT	5,83	324.0	10.0	4.35		4.79	0.0388	1.05		0.11
OCT		OCT	6,83	190.0	6.0	4.66	G		0.0258	0.70		0.06
OCT		OCT	7,83	1514.0	18.2	4.24		4.50	0.0592	1.20		0.37
	11,83	OCT		47.0	*****	*****		4.17	0.1072	2.90		1.00
	13,83		12,83	376.0	13.6	4.32		4.66	0.0476	0.95		0.22
The street of	14,83		13,83	2036.0	9.2	4.48		4.77	0.0326	0.80		0.13
	21,00		,03		F . T .							

STATION NAME : DORSET/DAILY/AEROCHEM #20 PAGE : 9

STATI	ON NAME : D	ORSET/DAILY/AER	OCHEM #2	0			PAGE: 9	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JUL 5,83	JUL 1,83	*****	****	*****	*****	*****	*****	****
JUL 9,83	JUL 8,83	0.27	0.10	0.040	0.075	0.065	0.410	0.0372
JUL 16,83	JUL 15,83	*****	*****	****	****	****	*****	****
JUL 20,83	JUL 19,83	*****	*****	****	*****	*****	*****	*****
JUL 22,83	JUL 21,83	****	0.32	****	*****	****	****	0.0138
JUL 29,83	JUL 28,83	*****	G 0.76	*****	*****	*****	1.120	0.2818
JUL 30,83	JUL 29,83	*****	0.39	****	*****	*****	0.780	0.0550
AUG 1,83	JUL 31,83	0.08	0.11	0.025	0.060	0.040	0.350	0.0575
AUG 2,83	AUG 1,83	*****	*****	****	*****	*****	*****	U 0.0001
AUG 4,83	AUG 3,83	0.36	0.19	0.085	0.075	0.050	0.820	0.0851
AUG 7,83	AUG 6,83	0.13	0.15	0.045	U 0.180	0.060	0.590	U 0.0025
AUG 9,83	AUG 8,83	0.12	0.03	0.045	0.060	0.040	0.190	0.0120
AUG 17,83	AUG 16,83	G 1.35	0.57	G 0.285	0.120	0.110	0.930	0.1698
AUG 20,83	AUG 19,83	0.93	0.39	0.125	0.120	0.175	0.910	0.0076
AUG 22,83	AUG 21,83	0.12	0.12	0.025	<w 0.005<="" td=""><td>0.025</td><td>0.228</td><td>0.0282</td></w>	0.025	0.228	0.0282
AUG 23,83	AUG 22,83	****	*****	****	****	*****	米米米米米	****
AUG 28,83	AUG 27,83	0.14	0.09	0.020	0.040	0.030	0.184	0.0058
AUG 29,83	AUG 28,83	*****	*****	****	*****	*****	*****	*****
AUG 30,83	AUG 29,83	*****	****	*****	*****	****	****	****
AUG 31,83	AUG 30,83	*****	*****	****	*****	*****	*****	G 0.0019
SEP 6,83	SEP 5,83	0.63	0.27	0.095	0.120	0.070	0.860	0.1148
SEP 8,83	SEP 6,83	0.48	0.19	0.085	0.055	0.070	0.660	0.0955
SEP 10,83	SEP 9,83	1.03	0.32	0.160	0.075	0.180	0.380	0.0676
SEP 11,83	SEP 10,83	0.25	0.10	0.040	0.035	0.065	0.248	0.0195
SEP 17,83	SEP 16,83	0.11	0.09	0.010	D 0.075	0.045	0.158	0.0417
SEP 18,83	SEP 17,83	*****	U 0.75	*****	****	*****	*****	*****
SEP 19,83	SEP 18,83	0.31	0.13	0.035	0.075	0.055	0.440	0.0501
SEP 21,83	SEP 20,83	0.09	0.04	0.010	0.020	0.030	0.152	0.0240
SEP 22,83	SEP 21,83	0.14	0.23	0.025	0.080	D 0.195	0.068	G 0.0036
SEP 23,83	SEP 22,83	0.07	0.05	<w 0.005<="" td=""><td>0.030</td><td>0.055</td><td>0.024</td><td>G 0.0042</td></w>	0.030	0.055	0.024	G 0.0042
SEP 24,83	SEP 23,83	0.24	0.34	0.050	0.095	G 0.220	0.010	0.0100
SEP 26,83	SEP 25,83	0.27	0.15	0.030	0.030	0.040	0.230	0.0550
OCT 4,83	OCT 3,83	0.32	0.13	U 0.800	0.045	0.035	0.550	0.0437
OCT 5,83	OCT 4,83	0.29	0.11	0.025	0.045	0.020	0.510	0.0759
OCT 6,83	OCT 5,83	0.09	0.03	0.010	0.035	0.025	0.152	0.0162
OCT 7,83	OCT 6,83	0.14	0.20	0.065	0.110	0.130	0.132	G 0.0038
OCT 8,83	OCT 7,83	0.14	0.05	0.030	0.020	<t 0.005<="" td=""><td>0.124</td><td>0.0316</td></t>	0.124	0.0316
OCT 11,83	OCT 8,83	*****	0.23	*****	*****	*****	*****	0.0676
OCT 13,83	OCT 12,83	0.06	0.19	0.025	0.060	0.130	0.092	0.0219
OCT 14,83	OCT 13,83	0.08	0.06	0.010	0.015	<w 0.005<="" td=""><td>0.070</td><td>0.0170</td></w>	0.070	0.0170

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STATI	ON NAME : D	ORSET/	DAILY	/AEROC	HEM	#20					PAG	E: 10		
REMOVAL DATE	EXPOSURE DATE	SAMP START HR.	/END	PRE START HR.	CIP /END HR.	SAMPLE TYPE 01-RAIN	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD.	SAMPLE NUMBER	CODE 02-APIOS	SUBPROJECT CODE 01-MOE	SAMPLER EFFICI- ENCY		OFFICE
					0.7	02-SNOW	THEO	02-NIPHER		03-SPECIAL	03-AES	(%)		
					03-	COMP/04-0	THER							
OCT 15,83	OCT 14,83	830	830	1330	2330	1	13.4	1	56061	2	1	99		
OCT 17,83	OCT 16,83	800	800	1530		1	0.1	1	56064	2	1	***	KE	
OCT 23,83	OCT 22,83	900	900	430	900	1	9.8	1	56067	2	1	99		J
OCT 24,83	OCT 23,83	900	800	900	1800	1	4.6	1	56070	2	1	66		М
OCT 26,83	OCT 25,83	830	830	2100		1	2.0	1	56073	2	1	32		N
OCT 27,83	OCT 26,83	830	800	1400		1	3.4	1	56076	2	1	84		JC
OCT 29,83	OCT 28,83	830	830	1930		1	2.8	1	56079	2	1	83 65		
NOV 2,83	NOV 1,83	830	830	500	2000	1	1.0	1	56082 56085	2	1	96		М
NOV 3,83	NOV 2,83 NOV 3,83	830 830	830	830	300	2	9.1	2	56088	2	1	70		JHCM
NOV 4,83 NOV 12,83	NOV 10,83	800	800	1700		3	16.0	2	56091	2	î	65		Y2
NOV 16,83	NOV 15,83	830	830	1800	830	2	8.4	2	56094	2	1	54		
NOV 17,83		830	830		2400	2	7.4	2	56097	2	1	65		
NOV 20,83	NOV 19,83	800	800	700	800	1	0.2	2	56100	2	1	124		N
NOV 21,83	NOV 20,83	800	800	1600	100	1	14.7	2	56103	2	1	100		J
NOV 22,83	NOV 21,83	800	800	1000	1500	1	2.5	2	56106	2	1	114		
NOV 24,83	NOV 23,83	800	800	1800	600	1	5.1	2	56109	2	1	97		
NOV 26,83	NOV 25,83	800	800	800	300	2	0.9	2	56112	2	1	36	С	N
NOV 29,83	NOV 28,83	800	800	1200	300	4	9.5	2	56115	2	1	91 35		N
NOV 30,83	NOV 29,83	800	800	1200	800	2	3.9	2	56118 56121	2 2	1	74		JHM
DEC 1,83	NOV 30,83	800 830	830	****	1900	2	9.5 1.8	2	56124	2	î	22		N
DEC 2,83 DEC 3,83	DEC 1,83 DEC 2,83	800	800	****		2	3.5	2	56127	2	î	68		
DEC 5,83	DEC 4,83	900	900	****		2	0.7	2	56130	2	1	35		N
DEC 6,83	DEC 5,83	900	900	1500	900	2	4.1	2	56133	2	1	53		М
DEC 7,83	DEC 6,83	900	830	900	830	2	20.2	2	56136	2	1	62		
DEC 8,83	DEC 7,83	830	800	830	1200	2	0.1	2	56139	2	1	****	EK	
DEC 9,83	DEC 8,83	800	800	1600	800	2	5.6	2	56142	2	1	75		
DEC 10,83	DEC 9,83	800	800	800	800	2	2.6	2	56145	2	1	27		N
DEC 11,83	DEC 10,83	800	800		1200	2	0.1	2	56148	2	1	****	EK	A184
DEC 12,83	DEC 11,83	800	830	2400	830	3	11.9	2	56151	2	1	35		NM
DEC 13,83		830	830		1800	3	9.8	2	56154 56157	2 2	1	81 87	2	
DEC 15,83		800 800	800	1630	830	3 2	1.2	2	56160	2	1	24		N
DEC 16,83 DEC 18,83		830	800	****	1000	2	3.8	2	56163	2	î	23		NZ
DEC 19,83	DEC 18,83	800	800	****		2	1.0	2	56166	2	î	40		N
DEC 22,83	DEC 21,83		1000	1300		3	27.9	2	56169	2	1	43		NM
_DEC 23,83	DEC 22,83	1000	900	1000	600	2	7.5	2	56172	2	1	56		
DEC 24,83		900	900	1200	300	2	5.2	2	56175	,2	1	53		
DEC 26,83	DEC 25,83	900	900	****	****	2	0.6	2	56178	12	1	***	EK	

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STATION NAME : DORSET/DAILY/AEROCHEM #20 PAGE : 11

REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
OCT 15,83	OCT 14,83	858.0	10.0	4.58	4.74	0.0324	1.10	0.20
OCT 17,83	OCT 16,83	*****	*****	*****	*****	****	****	*****
OCT 23,83	OCT 22,83	625.0	13.0	4.07	4.67	0.0420	0.85	0.25
OCT 24,83	OCT 23,83	196.0	13.5	4.25	4.66	0.0442	1.05	0.20
OCT 26,83	OCT 25,83	42.0	*****	*****	4.14	D 0.1134	3.60	0.88
OCT 27,83	OCT 26,83	184.0	3.8	4.78	U 6.13	0.0176	0.30	<w 0.01<="" td=""></w>
OCT 29,83	OCT 28,83	149.0	15.1	*****	4.71	0.0446	2.00	0.16
NOV 2,83	NOV 1,83	42.0	*****	*****	4.29	0.1004	4.15	1.02
NOV 3,83	NOV 2,83	822.0	34.5	3.87	4.26	0.0960	3.70	0.59
NOV 4,83	NOV 3,83	412.0	3.6	G 4.88	G 5.77	0.0174	0.25	<w 0.01<="" td=""></w>
NOV 12,83	NOV 10,83	672.0	46.7	3.84	4.02	0.1248	3.60	0.97
NOV 16,83	NOV 15,83	295.0	17.6	4.23	4.48	0.0506	0.85	0.48
NOV 17,83	NOV 16,83	311.0	6.7	4.56	5.03	0.0242	0.35	0.09
NOV 20,83	NOV 19,83	16.0	****	****	3.91	0.1490	*****	*****
NOV 21,83	NOV 20,83	951.0	25.0	3.75	4.37	0.0624	1.95	0.44
NOV 22,83	NOV 21,83	183.0	20.5	4.25	4.60	0.0438	1.95	0.37
NOV 24,83	NOV 23,83	320.0	58.9	3.62	3.94	0.1422	4.55	1.35
NOV 26,83	NOV 25,83	21.0	****	*****	G 5.77	0.0226	****	*****
NOV 29,83	NOV 28,83	558.0	23.8	4.09	4.36	0.0648	1.60	0.44
NOV 30,83	NOV 29,83	88.0	26.5	*****	4.50	0.0502	1.65	0.60
DEC 1,83	NOV 30,83	451.0	6.0	4.57	G 5.14	B 0.5260	0.50	0.10
DEC 2,83	DEC 1,83	26.0	*****	*****	G 5.32	0.0254	*****	*****
DEC 3,83	DEC 2,83	154.0	25.1	*****	4.36	0.0722	1.75	0.77
DEC 5,83	DEC 4,83	16.0	*****	****	U 7.46	0.0280	*****	*****
DEC 6,83	DEC 5,83	141.0	17.1	*****	4.55	0.0586	0.50	0.54
DEC 7,83	DEC 6,83	808.0	6.7	4.61	4.99	0.0284	0.30	0.15
DEC 8,83	DEC 7,83	*****	*****	*****	*****	****	*****	*****
DEC 9,83	DEC 8,83	270.0	24.4	4.13	4.35	0.0682	0.80	0.80
DEC 10,83	DEC 9,83	46.0	25.5	*****	4.45	0.0604	2.00	0.66
DEC 11,83	DEC 10,83	*****	*****	****	*****	****	*****	*****
DEC 12,83	DEC 11,83	269.0	11.5	4.56	4.73	0.0384	0.95	0.16
DEC 13,83	DEC 12,83	513.0	16.0	D 4.21	4.53	0.0452	1.45	0.14
DEC 15,83	DEC 14,83	129.0	46.5	*****	4.05	0.1110	3.15	0.89
DEC 16,83	DEC 15,83	19.0	*****	****	3.83	0.1778	****	*****
DEC 18,83	DEC 16,83	58.0	*****	****	4.28	0.0694	0.80	0.91
DEC 19,83	DEC 18,83	26.0	*****	*****	G 6.13	0.0192	*****	*****
DEC 22,83	DEC 21,83	782.0	13.8	4.33	4.58	0.0428	0.75	0.35
DEC 23,83	DEC 22,83	271.0	22.6	4.16	4.34	0.0630	1.80	0.47
DEC 24,83	DEC 23,83	177.0	7.5	4.57	4.92	0.0286	0.30	0.21
_DEC 26,83	DEC 25,83	*****	****	*****	****	*****	*****	*****

STATION NAME : DORSET/DAILY/AEROCHEM #20 PAGE : 12

REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	P	POTASSIM	SODIUM		AMMONIUM AS N		FREE LAB	
DATE	DATE	MG/L	MG/L	MG/L		MG/L	MG/L		MG/L		MG/	
OCT 15,83	OCT 14,83	0.12	0.06	0.020		0.025	<w 0.005<="" td=""><td></td><td>0.226</td><td></td><td>0.018</td><td>2</td></w>		0.226		0.018	2
OCT 17,83	OCT 16,83	*****	*****	*****	×	****	*****		*****		****	×
OCT 23,83	OCT 22,83	0.09	0.11	0.010		0.020	0.055		0.062		0.021	4
OCT 24,83	OCT 23,83	0.12	0.15	0.010	<t< td=""><td>0.010</td><td>0.065</td><td><w< td=""><td>0.002</td><td></td><td>0.021</td><td>9</td></w<></td></t<>	0.010	0.065	<w< td=""><td>0.002</td><td></td><td>0.021</td><td>9</td></w<>	0.002		0.021	9
OCT 26,83	OCT 25,83	*****	D 0.54	*****		****	****		*****		0.072	4
OCT 27,83	OCT 26,83	0.09	0.12	0.025		0.010	0.130	<w< td=""><td>0.002</td><td>U</td><td>0.000</td><td></td></w<>	0.002	U	0.000	
OCT 29,83	OCT 28,83	0.18	0.13	0.040		0.100	0.095		0.250		0.019	
NOV 2,83	NOV 1,83	****	0.57	*****	#	****	****		****		0.051	
NOV 3,83	NOV 2,83	0.07	0.16	0.010		0.035	0.060		0.490		0.055	
NOV 4,83	NOV 3,83	0.05	0.04	0.010		0.005	0.025	<t< td=""><td>0.002</td><td>G</td><td>0.001</td><td></td></t<>	0.002	G	0.001	
NOV 12,83	NOV 10,83	0.11	0.23	0.015		0.030	0.060		0.380		0.095	
NOV 16,83	NOV 15,83	0.08	0.12	0.020		0.040	0.080		0.036		0.033	
NOV 17,83	NOV 16,83	0.06	0.08	0.010		0.005	0.030	<t< td=""><td>0.002</td><td></td><td>0.009</td><td></td></t<>	0.002		0.009	
NOV 20,83	NOV 19,83	*****	*****	*****		****	*****		*****		0.123	
NOV 21,83	NOV 20,83	0.11	0.21	0.020		0.030	0.075		0.156		0.042	
NOV 22,83	NOV 21,83	0.16	0.20	0.035		0.040	0.080		0.490		0.025	
NOV 24,83	NOV 23,83	0.36	0.47	0.040		0.075	0.220		0.510		0.114	
NOV 26,83	NOV 25,83	*****	*****	****		****	*****		*****	G	0.001	
NOV 29,83	NOV 28,83	0.08	0.07	0.010		0.015	0.040		0.080		0.043	
NOV 30,83	NOV 29,83	0.23	0.38	0.040		0.055	D 0.190		0.206		0.031	
DEC 1,83	NOV 30,83	0.06	0.08	0.015		0.010	0.040		0.024		0.007	
DEC 2,83	DEC 1,83	****	****	****		****	*****		*****	G	0.004	
DEC 3,83	DEC 2,83	0.21	0.20	0.035		0.030	0.080		0.234		0.043	
DEC 5,83	DEC 4,83	*****	****	*****		****	*****		****	U	0.000	
DEC 6,83	DEC 5,83	0.13	0.19	0.030		0.005	0.085		0.008		0.028	
DEC 7,83	DEC 6,83	0.05	0.04	0.010		0.005	0.030		0.006		0.010	
DEC 8,83	DEC 7,83	****	****	****		****	****		*****		****	
DEC 9,83	DEC 8,83	0.19	0.21	0.030		0.020	0.070		0.118		0.044	
DEC 10,83	DEC 9,83	*****	0.68	*****		****	*****		****		0.035	
DEC 11,83	DEC 10,83	*****	*****	*****		****	*****		*****		****	
DEC 12,83	DEC 11,83	0.10	0.30	0.020		0.015	0.140	< T	0.002		0.018	6
DEC 13,83	DEC 12,83	0.10	0.08	0.010	<t< td=""><td>0.015</td><td>0.040</td><td></td><td>0.014</td><td></td><td>0.029</td><td>5</td></t<>	0.015	0.040		0.014		0.029	5
DEC 15,83	DEC 14,83	0.17	0.34	0.030		0.070	0.140		0.260		0.089	1
DEC 16,83	DEC 15,83	*****	****	****	*	****	****		*****		0.147	9
DEC 18,83	DEC 16,83	****	0.42	*****	*	****	*****		*****		0.052	5
DEC 19,83	DEC 18,83	*****	******	****	*	****	*****		****	G	0.000	7
DEC 22,83	DEC 21,83	0.05	0.08	0.015	<t< td=""><td>0.010</td><td>0.065</td><td>D</td><td>0.012</td><td></td><td>0.026</td><td>3</td></t<>	0.010	0.065	D	0.012		0.026	3
DEC 23,83	DEC 22,83	0.11	0.16	0.035		0.045	0.150		0.146		0.045	7
DEC 24,83	DEC 23,83	0.13	0.17	0.040	<w< td=""><td>0.005</td><td>0.080</td><td><w< td=""><td>0.002</td><td></td><td>0.012</td><td>0</td></w<></td></w<>	0.005	0.080	<w< td=""><td>0.002</td><td></td><td>0.012</td><td>0</td></w<>	0.002		0.012	0
DEC 26,83	DEC 25,83	*****	*****	*****	*	****	*****		*****		****	×

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STATION NAME : DORSET/DAILY/AEROCHEM #20

											1 40			
REMOVAL	EXPOSURE		PLING		CIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	СОММ	ENTS
DATE	DATE	START	T/END	START	/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
		HR.	HR.	HR.	HR.	01-RAIN		01-STD.		02-APIOS	01-M0E	ENCY		
						02-SNOW		02-NIPHER		03-SPECIAL	O3-AES	(%)		
					03-	COMP/04-0	THER							

DEC 27,83 DEC 26,83 900 900 **** *** 1.6 2 56181 2 1 1 E DEC 28,83 DEC 27,83 900 900 900 900 2.0 56184 2 1 24 N DEC 29,83 DEC 28,83 900 900 900 2400 2 9.8 2 56187 2 1 83 М JAN 2,84 DEC 30,83 800 900 1900 300 2 4.9 56190 2 1 60

STATI	ON NAME : DORS	SET/DAILY/AERO	CHEM #20		*		PAGE: 14	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
DEC 27,83	DEC 26,83	2.0	*****	*****	****	*****	*****	*****
DEC 28,83	DEC 27,83	31.0	*****	*****	4.21	0.0822	0.80	1.10
DEC 29,83	DEC 28,83	523.0	8.5	4.53	4.85	0.0316	0.35	0.22
JAN 2,84	DEC 30,83	190.0	33.7	****	4.11	0.0990	0.55	1.11

STATI	ON NAME : DOR	SET/DAILY/AERO	CHEM #20				PAGE : 15	
REMOVAL E DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 27,83	DEC 26,83	*****	****	****	*****	*****	*****	*****
DEC 28,83	DEC 27,83	*****	0.67	*****	*****	*****	*****	0.0617
DEC 29,83	DEC 28,83	0.04	0.08	0.010	<w 0.005<="" td=""><td>0.025</td><td>0.018</td><td>0.0141</td></w>	0.025	0.018	0.0141
JAN 2,84	DEC 30,83	0.19	0.36	0.030	<w 0.005<="" td=""><td>0.140</td><td>0.008</td><td>0.0776</td></w>	0.140	0.008	0.0776

STATION NAME : NITHGROVE/DAILY/AEROCHEM #07 PAGE : 1

	MOVAL DATE		POSURE DATE	STAR	PLING T/END HR.			SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		OFFICE
							0.3	-COMP/ 04-0	THER							
57222	22 7072	2000	2 522	102/12/27	2022	12/2/2	20202	120	0.0	220	202723452					
JAN		JAN		800		630		2	1.1	2	28215	2	1	19		N
JAN	7,83	JAN		745	745	530		2	9.9	2	28216	2	1	62	C	
JAN	8,83	JAN	7,83	745	800	745	1000	2	6.1	2	28217	2	1	56	C	
MAL	11,83	JAN	10,83	730	730	1300	1500	1	24.3	2	28218	2	1	96	В	
JAN	12,83	JAN	11,83	730	730	730	930	1	5.6	2	28219	2	1	62	C	
JAN	15,83	JAN	14,83	730	730	200	430	2	5.5	2	28220	2	1	U 3	CL	N
JAN	22,83	JAN	21,83	730	730	1400	1500	2	1.1	2	28221	2	1	****	EK	
JAN	24,83	JAN	23,83	800	800	1700	1800	2	3.3	2	28222	2	1	****		
JAN	25,83	JAN	24,83	800	800	800	1000	2	****	2	28223	2	1	****		
JAN	26,83	JAN	25,83	800	800	1600	1700	2	0.3	2	28224	2	1	140		N
	31,83		30,83	800	800	1200	1500	2	7.3	2	28225	2	1	48		NJCM
	3,83			730			1200	1	24.7	2	28226	2	1	82		110011
FEB		FEB		730	730	1100		3	5.3	2	28227	2	1	72		
	8,83			730			1100	2	1.7	2	28228	2	î	36		N
	17,83			730	730	600		2	3.7	2	28229	2	1	****	EK	N
	19,83			800	800	500		2	1.1			2				
	23,83		Service Services							2	28230		1	***	EK	
			22,83	730		1600		2	***	2	28231	2	1	***	EK	
			23,83	730			1500	2	1.1	2	28232	2	1	52	2017	
MAR		MAR			****	2300		2	6.9	2	28233	2	1	***	EK	
MAR	5,83	MAR			****	1130		1	0.9	2	28234	2	1	116		
MAR		MAR		1141112	***	100		1	0.7	2	28235	2	1	91		
MAR		MAR		730		2300		1	5.9	2	28236	2	1	85		
MAR	10,83	MAR	9,83	730	730	1630	1800	1	2.5	2	28237	2	1	100		
MAR	18,83	MAR	17,83	730	800	2200	2400	1	7.9	2	28238	2 .	1	U 77	G	
MAR	20,83	MAR	19,83	800	800	1200	1600	1	6.1	2	28239	2	1	71		HM
MAR	22,83	MAR	21,83	730	730	830	1400	2	20.1	2	28240	2	1	U 6	FI	N
MAR	28,83	MAR	27,83	730	830	600	730	2	1.7	2	28241	2	1	****	EKF	
MAR	29,83	MAR	28,83	830	730	730	1030	1	6.1	2	28242	2	1	93		
APR	3,83	APR	2,83	800	800	2400	400	3	12.7	2	28243	2	1	58		HCM
APR	4,83	APR	3,83	800	800	2000	2200	3	2.7	2	28244	2	1	83		HCM
APR	5,83	APR	4,83	800	800	1430		1	0.9	2	28245	2	1	34		N
-APR	7,83	APR		730	730		730	1	4.3	2	28246	2	ī	111		,,
APR		APR		730	830		1000	1	4.1	2	28247	2	î	120		NM
	10,83	APR		800	900	600		2	17.5	. 2	28248	2	î	***	EK	INI
	11,83		10,83	900	930	5073000	1000	ĩ	0.5	2	28249	2	1	62	LK	
	12,83		11,83	930	730	1430		1	7.5							
			The second second							2	28250	2	1	102		110
	15,83		13,83	730	800	1600		1	15.9	2	28251	2	1	114		Y2
	17,83		16,83	700	800	1400		3	0.2	2	28252	2	1	78		
-	20,83		19,83	730	800	500	600	2	0.4	2	28253	2	1	***	EK	
=APR	21,83	APR	20,83	800	730	300	600	2	1.4	2	28254	2	1	并并并并	EK	

STATION NAME : NI	THGROVE/DAILY/A	EROCHEM	#07			PAGE: 2	
REMOVAL EXPOSURE DATE DATE	VOLUME	CONDUCT.	PH F1ELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
DATE DATE	ML	UMHO/CM	TILLD	LAD	MG/L	MG/L	MG/L
JAN 5,83 JAN 4,83	14.0	*****	*****	G 5.36	0.0294	*****	*****
JAN 7,83 JAN 6,83	395.0	24.5	4.21	4.27	0.0734	1.15	0.60
JAN 8,83 JAN 7,83	221.0	21.8	4.32	4.39	0.0658	1.80	0.52
JAN 11,83 JAN 10,83	1499.0	14.7	4.36	4.50	0.0558	1.05	G 0.22
JAN 12,83 JAN 11,83	225.0	31.0	*****	4.24	0.0902	2.00	0.87
JAN 15,83 JAN 14,83	13.0	*****	*****	B 6.74	0.0342	*****	*****
JAN 22,83 JAN 21,83	*****	*****	*****	*****	*****	*****	*****
JAN 24,83 JAN 23,83	****	*****	*****	*****	*****	*****	****
JAN 25,83 JAN 24,83	85.0	****	*****	4.36	0.0642	1.60	0.33
JAN 26,83 JAN 25,83	27.0	*****	*****	G 6.93	0.0260	1.05	0.11
JAN 31,83 JAN 30,83	228.0	35.2	4.26	3.92	0.1390	2.80	0.58
FEB 3,83 FEB 2,83	1304.0	22.5	U 4.32	4.20	0.0824	1.40	0.33
FEB 4,83 FEB 3,83	247.0	19.5	4.38	4.30	0.0716	1.30	0.35
FEB 8,83 FEB 7,83	40.0	*****	*****	4.22	0.0772	0.35	0.80
FEB 17,83 FEB 16,83	*****	*****	*****	*****	****	*****	****
FEB 19,83 FEB 18,83	****	*****	*****	*****	****	*****	****
FEB 23,83 FEB 22,83	****	*****	*****	*****	****	*****	****
FEB 24,83 FEB 23,83	37.0	*****	*****	4.82	0.0336	1.95	0.24
MAR 4,83 MAR 3,83	*****	*****	*****	*****	*****	*****	****
MAR 5,83 MAR 4,83	67.0	*****	*****	3.72	0.2096	9.15	2.00
MAR 7,83 MAR 6,83	41.0	*****	*****	3.98	0.1296	6.25	0.96
MAR 9,83 MAR 8,83	325.0	24.6	*****	4.36	0.0628	1.50	0.41
MAR 10,83 MAR 9,83	161.0	74.5	*****	3.82	0.1808	5.60	0.98
MAR 18,83 MAR 17,83	391.0	*****	U 5.05	4.96	0.0304	0.45	0.17
MAR 20,83 MAR 19,83	279.0	****	B 5.05	G 5.38	0.0242	0.20	0.08
MAR 22,83 MAR 21,83	79.0	*****	*****	U 6.06	0.0188	0.15	0.05
MAR 28,83 MAR 27,83	****	*****	*****	*****	****	*****	*****
MAR 29,83 MAR 28,83	365.0	20.6	4.41	4.42	0.0678	1.25	0.31
APR 3,83 APR 2,83	473.0	6.6	G 5.05	G 5.25	0.0226	0.45	0.15
APR 4,83 APR 3,83	145.0	17.7	****	U 5.60	0.0262	1.30	0.44
APR 5,83 APR 4,83	20.0	*****	*****	*****	****	6.50	0.56
APR 7,83 APR 6,83	307.0	34.2	4.20	4.35	0.0730	3.65	0.44
APR 8,83 APR 7,83	316.0	39.2	4.14	4.24	0.0902	3.50	0.50
APR 10,83 APR 9,83	****	*****	*****	*****	*****	*****	*****
APR 11,83 APR 10,83	20.0	*****	****	****	****	4.90	0.84
APR 12,83 APR 11,83	495.0	34.5	4.13	4.24	0.0858	3.10	0.33
APR 15,83 APR 13,83	1168.0	41.2	4.07	4.17	0.0980	3.95	0.53
APR 17,83 APR 16,83	10.0	*****	*****	****	*****	*****	****
APR 20,83 APR 19,83	****	*****	*****	*****	*****	*****	*****
APR 21,83 APR 20,83	并并并并	****	****	****	*****	****	****

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STA	TION NAME : N	ITHGROVE/DAILY/A	EROCHEM	#07			PAGE : 3	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
57.03.05		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 5,8	3 JAN 4,83	*****	****	****	****	*****	*****	G 0.0044
JAN 7,8	3 JAN 6,83	0.03	0.13	0.010	0.020	0.015	0.156	0.0537
JAN 8,8	3 JAN 7,83	0.06	0.12	0.025	0.075	0.040	0.400	0.0407
JAN 11,8	3 JAN 10,83	<t 0.02<="" td=""><td>0.08</td><td>0.005</td><td>U 0.025</td><td><t 0.010<="" td=""><td>0.052</td><td>0.0316</td></t></td></t>	0.08	0.005	U 0.025	<t 0.010<="" td=""><td>0.052</td><td>0.0316</td></t>	0.052	0.0316
JAN 12,8	3 JAN 11,83	0.06	0.13	0.020	0.045	0.040	0.540	0.0575
JAN 15,8	3 JAN 14,83	*****	*****	****	*****	*****	*****	B 0.0002
JAN 22,8	3 JAN 21,83	****** .	*****	*****	*****	*****	*****	****
JAN 24,8	3 JAN 23,83	米米米米米	*****	****	****	****	*****	*****
JAN 25,8	3 JAN 24,83	0.10	0.13	0.025	0.100	0.055	*****	0.0437
JAN 26,8	3 JAN 25,83	*****	*****	*****	*****	*****	*****	G 0.0001
JAN 31,8	3 JAN 30,83	0.10	0.17	<w 0.005<="" td=""><td>0.065</td><td>0.050</td><td>0.364</td><td>0.1202</td></w>	0.065	0.050	0.364	0.1202
FEB 3,8	3 FEB 2,83	0.02	0.04	<t 0.005<="" td=""><td>0.025</td><td>0.020</td><td>0.058</td><td>0.0631</td></t>	0.025	0.020	0.058	0.0631
FEB 4,8	3 FEB 3,83	0.10	0.06	<w 0.005<="" td=""><td>0.065</td><td>0.040</td><td>0.072</td><td>0.0501</td></w>	0.065	0.040	0.072	0.0501
FEB 8,8	3 FEB 7,83	****	0.29	*****	*****	*****	*****	0.0603
FEB 17,8	3 FEB 16,83	*****	*****	****	****	*****	*****	*****
FEB 19,8	3 FEB 18,83	*****	*****	*****	*****	*****	*****	*****
FEB 23,8	3 FEB 22,83	*****	*****	*****	****	*****	*****	*****
FEB 24,8	3 FEB 23,83	****	*****	*****	*****	*****	*****	0.0151
MAR 4,8	3 MAR 3,83	*****	*****	*****	*****	*****	****	*****
MAR 5,8	3 MAR 4,83	G 0.76	0.44	D 0.105	G 0.255	0.205	*****	0.1905
MAR 7,8	3 MAR 6,83	*****	G 0.83	****	****	*****	*****	0.1047
MAR 9,8	3 MAR 8,83	0.10	0.05	0.015	0.040	0.040	0.068	0.0437
MAR 10,8	3 MAR 9,83	0.14	0.18	0.020	G 0.170	0.100	0.178	0.1514
MAR 18,8	3 MAR 17,83	0.09	0.14	0.015	0.100	0.115	0.052	0.0110
MAR 20,8	3 MAR 19,83	0.08	0.04	D 0.010	0.030	0.040	0.076	G 0.0042
MAR 22,8	3 MAR 21,83	0.17	U 0.08	U 0.015	U 0.070	U 0.100	*****	U 0.0009
MAR 28,8	3 MAR 27,83	*****	*****	*****	*****	****	*****	*****
MAR 29,8	3 MAR 28,83	0.06	0.05	<w 0.005<="" td=""><td>0.045</td><td>0.015</td><td>0.106</td><td>0.0380</td></w>	0.045	0.015	0.106	0.0380
APR 3,8	3 APR 2,83	0.10	0.05	<w 0.005<="" td=""><td>0.030</td><td>0.040</td><td>0.044</td><td>G 0.0056</td></w>	0.030	0.040	0.044	G 0.0056
APR 4,8	3 APR 3,83	0.26	U 0.32	0.020	U 0.305	U 0.220	0.014	U 0.0025
APR 5,8	3 APR 4,83	*****	U 1.38	****	****	****	*****	*****
APR 7,8	3 APR 6,83	0.59	0.26	0.065	G 0.235	0.200	0.086	0.0447
APR 8,8	3 APR 7,83	0.15	D 0.18	0.005	0.115	0.045	0.266	0.0575
APR 10,8	3 APR 9,83	*****	*****	*****	****	*****	*****	*****
APR 11,8	3 APR 10,83	*****	0.60	*****	****	****	*****	*****
APR 12,8		0.05	0.08	0.025	0.050	0.015	0.184	0.0575
APR 15,8		0.29	0.18	0.030	0.045	0.070	0.348	0.0676
APR 17,8	3 APR 16,83	*****	*****	****	*****	****	*****	*****
APR 20,8		*****	*****	*****	****	*****	*****	*****
APR 21,8	3 APR 20,83	*****	****	****	*****	*****	*****	****

STATION NAME : NITHGROVE/DAILY/AEROCHEM #07 PAGE : 4

					2 2 2 3 7 3								-			
REMOVA DATE		EXPOSURE DATE	SAMP START HR.		START	HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	E	AMPLER FFICI- ENCY (%)	COMM FIELD	ENTS OFFICE
						03	COIII 7 0 4 0	THER								
APR 22	.83 A	PR 21,83	730	730	900	1100	2	0.2	2	28255	2	1		78		
APR 29		PR 28,83		730	1730		1	9.6	2	28256	2	î		99		Т
		AY 1,83		800		600	1	25.8	2	28257	2	î		111		Ċ
		AY 2,83		800	1530		1	14.8	2	28258	2	1		100		
		AY 3,83		800	1100	1230	1	3.2	2	28259	2	1		19		N
MAY 7	,83 M	AY 6,83	730	730	300	430	1	20.2	1	28260	2	1		92		
MAY 8	,83 M	AY 7,83	730	800	1630	2030	1	25.8	1	28261	2	1		148		N
MAY 15	,83 M	AY 14,83	730	800	2000	2330	1	14.0	1	28262	2	1		90		
MAY 20;	,83 M	AY 19,83	730	730	1600	2000	1	14.2	1	28263	2	1		96		
MAY 23	,83 M	AY 22,83	800	800	1640	1800	1	19.0	1	28264	2	1	U	124	Н	N
MAY 24	,83 M	AY 23,83	800	730	1700	1800	1	3.0	1	28265	2	1		33		N
MAY 26	,83 M	AY 25,83	730	700	1330	1430	1	12.4	1	28266	2	1		74		
MAY 27		AY 26,83		715	1200		1	2.0	1	28267	2	1		39		И
MAY 30		AY 29,83		730	1600		1	6.4	1	28268	2	1		83		
JUN 1		AY 30,83		700	1400		1	11.4	1	28269	2	1		91		Y2
JUN 8		JN 7,83		700	800	830	1	1.0	1	28270	2	1		59		
JUN 10,		JN 9,83		700	2100		1	8.1	1	28271	2	1		89		
JUN 16,		JN 15,83		800	1700		1	7.8	1	28272	2	1		91		
JUN 26,		JN 25,83		800	600	630	1	3.8	1	28273	2	1		61		
JUN 27		JN 26,83		730	****		1	4.8	1	28274	2	1		52		
JUL 5		JL 4,83		730	1720		1	16.4	1	28275	2	1		93		HM
JUL 9		JL 8,83		730 730	2330	30	1	8.0	1	28276	2	1		49		МНИ
JUL 21;		JL 20,83		730	1230 740	830	1	2.2	1	28277	2	1		70		
JUL 30		JL 28,83 JL 29,83		730	1830		1	2.8	1	28278 28279	2	1 1		17 65		N
		JL 31,83		730	130	200	1	12.2	1	28280	2	1		95		
		JG 3,83		730	2330	100	1	4.8	1	28281	2	1		63		
		JG 6,83		730	1900		î	6.6	1	28282	2	1		78		
		JG 8,83		730	1130		1	17.2	î	28283	2	î	U	14	F	
AUG 17		JG 16,83		730		730	ī	2.4	î	28284	2	î	•	91	A	
AUG 20		JG 19,83		800	1530		1	1.4	î	28285	2	1		62		
-AUG 22		JG 21,83		730	530	630	1	15.0	1	28286	2	1		102		
AUG 31,		JG 30,83		730	1000		1	2.0	1	28287	2	1		90		
SEP 7		EP 6,83		730	900	930	1	3.6	1	28288	2	1		79		С
SEP 8		EP 7,83		730	830	930	1	1.8	1	28289	2	1		73		
SEP 10,		EP 9,83		730	1700	1800	1	4.8	1	28290	2	1	U		AP	N
SEP 11,	,83 SI	EP 10,83	730	730	100	200	1	3.8	1	28291	2	1		93		
SEP 17,		EP 16,83	800	800	930	1730	1	18.6	1	28292	2	1		99		TC
SEP 19,	,83 SI	EP 18,83	730	800	1000	1400	1	10.8	1	28293	2	1		115	В	
SEP 21,	,83 SI	EP 20,83	730	715	2400	715	1	31.0	1	28294	2	1		116		J

-74

STA	TION NAME : NI	THGROVE/DAILY/	AEROCHEM	#07			PAGE : 5	
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
APR 22,8	3 APR 21,83	10.0	并并并共共	*****	*****	****	*****	*****
APR 29,8	3 APR 28,83	611.0	28.5	4.24	4.38	0.0398	2.95	0.37
MAY 2,8	3 MAY 1,83	1838.0	13.0	4.55	4.83	0.0738	1.15	0.12
MAY 3,8	3 MAY 2,83	953.0	16.4	4.56	4.68	0.0462	1.75	0.28
MAY 4,8	3 MAY 3,83	41.0	****	*****	*****	****	1.30	0.12
MAY 7,8		1204.0	44.0	4.01	4.09	0.1280	3.90	0.89
MAY 8,8		2453.0	21.6	4.41	4.55	0.0552	2.60	0.36
MAY 15,8		816.0	30.6	4.19	4.33	0.0740	3.10	0.36
MAY 20,8	3 MAY 19,83	875.0	13.0	4.62	4.76	0.0386	1.15	0.16
MAY 23,8		1520.0	24.8	4.34	4.41	0.0656	2.25	0.28
MAY 24,8		65.0	*****	*****	*****	*****	1.05	0.04
MAY 26,8		595.0	D 29.0	4.24	D 4.39	D 0.0716	2.40	0.47
MAY 27,8		50.0	*****	****	5.07	0.0288	0.90	0.03
MAY 30,8		341.0	32.1	4.16	4.22	0.0902	3.45	0.31
JUN 1,8		665.0	24.1	4.36	4.46	0.0626	2.30	0.42
JUN 8,8		38.0	*****	*****	G 5.81	0.0260	1.85	0.19
JUN 10,8	[1] - "이렇게 없다" - "이 없는 이번 이번 이 기계를 다 되었다.	465.0	38.9	4.24	4.41	0.0752	4.80	0.98
JUN 16,8		455.0	G 151.0	3.55	3.56	G 0.3560	G 15.80	1.53
JUN 26,8		150.0	*****	*****	4.12	0.1112	6.90	0.65
JUN 27,8		163.0	*****	3.93	4.06	0.1284	6.40	D 0.52
JUL 5,8		986.0	14.0	4.70	4.75	D 0.0376	0.85	0.16
JUL 9,8		252.0	6.7	4.86	5.16	0.0248	0.70	0.03
JUL 21,8		100.0	4.3	*****	G 6.28	0.0180	0.40	<w 0.01<="" td=""></w>
JUL 29,8		34.0	*****	*****	*****	*****	*****	*****
JUL 30,8		118.0	27.2	*****	4.47	0.0664	3.30	0.36
AUG 1,8		746.0	D 15.7	4.48	4.66	0.0452	D 1.70	0.17
AUG 4,8		196.0	34.5	4.14	4.26	0.0452	3.90	0.42
AUG 7,8		333.0	12.7	4.44	4.73	0.0402	1.30	0.09
AUG 7,8		160.0	15.3	*****	4.67	0.0434	2.00	0.07
AUG 17,8			U 144.0	*****	U 3.72	G 0.3480	U 14.90	U 2.20
		141.0	*****	*****	4.67	0.0580	3.75	1.30
AUG 20,8	The second secon	56.0					1.95	0.20
AUG 22,8		983.0	18.3	4.42	4.59	0.0528		
_AUG 31,8		116.0	12.7	*****	D 5.00	0.0356	1.35	0.26
SEP 7,8	성 2017년에서 1017학생생생	184.0	28.0	3.72	3.86	0.1958	10.60	0.74
SEP 8,8		85.0	5.9	*****	G 5,65	0.0228	0.65	0.06
SEP 10,8		1268.0	54.0	3.91	4.13	0.1124	5.95	0.85
SEP 11,8		228.0	19.0	4.35	4.69	0.0462	2.15	0.30
SEP 17,8		1187.0	27.2	3.91	4.11	0.0654	2.70	0.38
SEP 19,8		797.0	23.8	4.03	4.49	0.0588	3.30	0.40
SEP 21,8	3 SEP 20,83	2320.0	15.9	4.11	4.64	0.0420	1.70	0.14

0.10

STATION NAME : NITHGROVE/DAILY/AEROCHEM #07 PAGE: 6 REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM AMMONIUM FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L ***** ***** ***** **** ***** ***** APR 22,83 APR 21,83 ***** APR 29,83 APR 28,83 0.35 0.10 0.050 0.060 0.060 0.410 0.0417 0.04 0.015 0.035 0.035 2,83 MAY 1,83 0.08 0.126 0.0148 MAY 3,83 MAY 2,83 0.09 0.045 0.070 0.060 0.294 0.0209 MAY 0.31 4,83 MAY 3,83 ***** 0.39 ***** ***** ***** **** ***** MAY MAY 7,83 MAY 6,83 0.56 0.23 0.075 0.050 0.040 0.440 0.0813 MAY 8,83 MAY 7,83 0.46 0.12 0.075 0.045 0.065 0.450 0.0282 MAY 15,83 MAY 14,83 0.22 0.15 0.030 0.045 0.050 0.420 0.0468 MAY 20,83 MAY 19,83 0.18 0.06 0.025 0.030 0.035 0.100 0.0174 MAY 23,83 MAY 22,83 0.15 0.13 0.025 D 0.045 0.065 0.280 0.0389 MAY 24,83 MAY 23,83 0.24 0.20 0.060 0.045 0.100 0.104 ***** 0.10 0.035 MAY 26,83 MAY 25,83 0.17 0.050 0.020 0.460 D 0.0407 MAY 27,83 MAY 26,83 ***** 0.19 ***** ***** ***** ***** 0.0085 MAY 30,83 MAY 29,83 0.16 0.10 0.025 0.075 0.050 0.222 0.0603 JUN 1,83 MAY 30,83 0.24 0.09 0.030 0.030 0.015 0.344 0.0347 JUN 8,83 JUN 7,83 ***** 0.52 ***** **** ***** **** G 0.0015 JUN 10,83 JUN 9,83 1.16 0.21 G 0.245 0.075 0.045 0.680 0.0389 JUN 16,83 JUN 15,83 0.89 0.47 0.085 0.090 0.080 0.2754 1.030 JUN 26,83 JUN 25,83 0.59 0.26 0.135 0.095 0.090 1.000 0.0759 JUN 27,83 JUN 26,83 0.34 0.22 0.060 0.105 0.085 0.630 0.0871 JUL 5,83 JUL 4,83 0.24 0.08 0.035 0.030 0.050 0.350 0.0178 9,83 JUL 8,83 0.12 0.07 0.020 0.065 0.045 0.210 0.0069 JUL JUL 21,83 JUL 20,83 ***** 0.26 ***** ***** ***** 0.002 G 0.0005 JUL 29,83 JUL 28,83 ***** ***** ***** ***** ***** ***** ***** JUL 30,83 JUL 29,83 ***** 0.42 ***** ***** ***** 0.450 0.0339 AUG 1,83 JUL 31,83 0.07 0.08 0.010 0.055 0.025 0.200 0.0219 AUG 4,83 AUG 3,83 0.25 0.27 0.060 0.175 0.120 0.540 0.0550 AUG 7,83 AUG 6,83 0.11 0.07 0.025 0.065 0.040 0.160 0.0186 AUG 9,83 AUG 8,83 0.27 0.12 0.060 0.125 0.090 0.148 0.0214 AUG 16,83 AUG 17,83 1.39 0.52 G 0.280 U 0.165 0.100 1.460 U 0.1905 AUG 20,83 AUG 19,83 ***** 0.52 ***** **** ***** 0.880 0.0214 AUG 22,83 AUG 21,83 0.08 0.030 0.025 0.16 0.035 0.188 0.0257 AUG 31,83 AUG 30,83 0.31 0.26 0.060 0.195 0.105 0.236 D 0.0100 SEP 7,83 SEP 6,83 0.65 0.26 0.110 0.125 0.060 0.990 0.1380 SEP 8,83 SEP 7,83 ***** 0.13 ***** ***** ***** 0.088 G 0.0022 SEP 10,83 SEP 9,83 1.10 0.34 0.165 0.065 0.200 0.390 0.0741 SEP 11,83 SEP 10,83 0.35 0.15 0.070 0.095 0.130 0.308 0.0204 SEP 17,83 SEP 16,83 0.11 0.020 0.035 0.192 0.0776 0.12 0.025 SEP 19,83 SEP 18,83 0.06 0.020 0.610 0.0324 0.23 0.085 0.025 SEP 21,83 SEP 20,83 0.04 0.162 0.0229

0.010

0.015

0.015

DEC 17,83 DEC 16,83

630

800

1500 1630

STATION NAME : NITHGROVE/DAILY/AEROCHEM #07 PAGE: 7 REMOVAL **EXPOSURE** SAMPLE SAMPLE PROJECT SUBPROJECT SAMPLER SAMPLING PRECIP GAUGE GAUGE COMMENTS DATE DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- FIELD OFFICE HR. HR. 01-RAIN 01-STD. 02-APIOS 01-M0E ENCY HR. HR. 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (Z)03-COMP/04-OTHER JC SEP 22,83 SEP 21,83 715 700 715 930 7.4 28295 2 1 92 C SEP 23,83 SEP 22,83 700 730 700 950 1 17.0 1 28296 2 1 99 BC JM SEP 24,83 SEP 23,83 730 700 1530 1630 3.8 28297 2 61 1 1 1 SEP 26,83 SEP 25,83 730 730 1630 1800 6.8 28298 1 84 OCT 4,83 OCT 3,83 730 730 1900 2300 17.6 28299 2 1 *** EF OCT 5,83 OCT 4,83 730 730 830 1030 5.0 28300 90 2 1 6,83 OCT 5,83 730 730 830 930 5.8 56800 69 7,83 OCT 6,83 730 730 700 900 30 NH OCT 6.8 56801 2 1 OCT 8,83 OCT 7,83 730 800 2200 100 25.8 56802 2 98 1 800 56803 OCT 9,83 OCT 8,83 800 2300 100 1.8 2 1 69 OCT 13,83 OCT 12,83 730 730 850 1200 5.0 56804 2 1 100 OCT 14,83 OCT 13,83 730 1000 1630 1900 20.4 56805 2 102 J OCT 15.83 OCT 14.83 1000 800 1400 1630 14.4 56806 2 95 OCT 23,83 OCT 22,83 730 900 330 900 **** 56807 2 **** J 1 OCT 24,83 OCT 23,83 900 730 900 1230 3.8 56808 2 1 78 J OCT 26,83 OCT 25,83 715 715 1400 1600 2.0 56809 1 69 OCT 27,83 OCT 26,83 715 730 1000 1400 2.6 56810 2 70 C 1 OCT 29,83 OCT 28,83 730 800 1900 2100 2.4 56811 2 70 NOV 2,83 NOV 1,83 730 730 530 630 1.4 56812 59 NOV 3,83 NOV 2,83 730 730 930 1430 13.2 56813 2 91 1 3 NOV 4,83 NOV 3,83 730 730 730 1300 6.0 56814 2 14 N 1 NOV 11,83 NOV 10,83 730 900 700 1400 11.7 56815 86 NOV 12,83 NOV 11,83 900 730 900 1200 5.9 56816 FI N 2 1 NOV 16,83 NOV 15,83 730 730 1500 2200 10.1 56817 2 57 NOV 17,83 NOV 16,83 730 730 3.9 56818 63 730 1100 NOV 21,83 NOV 20,83 730 800 1300 1800 17.3 56819 2 1 84 NOV 22,83 NOV 21,83 800 730 900 1100 2.1 56820 2 140 N NOV 24,83 NOV 23,83 800 830 1600 1800 5.5 56821 2 98 NOV 29,83 NOV 28,83 700 600 1500 1630 10.5 56822 2 92 NOV 30,83 NOV 29,83 600 600 1600 1900 4.7 56823 2 40 DEC 1,83 NOV 30,83 600 600 900 1100 9.9 56824 43 **NJHCM** DEC 2,83 DEC 1,83 600 600 1400 1600 0.5 56825 2 **** EK 1 DEC 3,83 DEC 2,83 600 730 2000 2200 5.1 56826 2 51 1600 1900 DEC 7,83 DEC 6,83 730 830 23.1 56827 2 23 DEC 9,83 DEC 8,83 845 730 1300 1500 5.9 56829 2 62 1 DEC 11,83 DEC 10,83 630 730 630 930 2.3 56831 2 33 N DEC 12,83 DEC 11,83 730 630 400 600 10.9 56832 47 N DEC 13,83 DEC 12,83 630 630 630 1100 11.7 56833 2 1 76 J DEC 15,83 DEC 14,83 630 630 630 930 2.4 56834 2 1 89

3.3

56836

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATI	DATE DATE ML UMHO		ROCHEM	#07				PAGE: 8	
		VOLUME	CONDUCT.	PH FIELD		PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
2	2	ML	UMHO/CM	,			MG/L	MG/L	MG/L
SEP 22,83	SEP 21,83	437.0	4.3	4.64	G	5.90	0.0154	0.60	<w 0.01<="" td=""></w>
SEP 23,83	SEP 22,83	1082.0	7.4	U 5.03	U	7.20	0.0170	0.55	<w 0.01<="" td=""></w>
SEP 24,83	SEP 23,83	149.0	9.6	****		4.85	0.0340	1.00	0.05
SEP 26,83	SEP 25,83	369.0	25.5	4.22		4.36	0.0686	1.90	0.41
OCT 4,83	OCT 3,83	*****	英 英兴兴英英	****	3	****	*****	*****	*****
OCT 5,83	OCT 4,83	290.0	60.1	3.74		3.98	0.1188	6.05	0.84
OCT 6,83	OCT 5,83	259.0	8.9	4.52		4.90	0.0362	1.05	0.08
OCT 7,83	OCT 6,83	133.0	7.5	****	D	5.03	0.0332	0.60	0.16
OCT 8,83	OCT 7,83	1630.0	17.3	4.29		4.50	0.0604	1.20	0.40
OCT 9,83	OCT 8,83	80.0	24.2	*****		4.40	0.0684	1.85	0.72
OCT 13,83	OCT 12,83	321.0	15.5	4.26		4.52	0.0482	1.30	0.27
OCT 14,83	OCT 13,83	1340.0	9.5	4.19		4.68	0.0352	0.75	0.15
OCT 15,83	OCT 14,83	879.0	10.3	4.55		4.78	0.0328	1.20	0.21
OCT 23,83	OCT 22,83	529.0	14.5	D 3.98		4.63	0.0436	1.05	0.24
OCT 24,83	OCT 23,83	191.0	14.3	4.03		4.61	0.0436	1.25	0.18
OCT 26,83	OCT 25,83	89.0	并并并并 并	****		4.20	0.0932	2.65	0.76
OCT 27,83	OCT 26,83	118.0	5.0	****	G	5.79	0.0200	0.50	0.04
OCT 29,83	OCT 28,83	109.0	****	****		5.21	0.0332	****	****
NOV 2,83	NOV 1,83	53.0	*****	****		4.14	0.1278	4.55	1.20
NOV 3,83	NOV 2,83	776.0	39.9	3.94		4.20	0.1012	4.15	0.72
NOV 4,83	NOV 3,83	54.0	****	****	U	7.64	.0.0158	0.45	0.09
NOV 11,83	NOV 10,83	648.0	42.9	3.74		4.05	0.1122	3.55	0.75
NOV 12,83	NOV 11,83	29.0	****	*****	U	6.27	0.0176	2.15	0.16
NOV 16,83	NOV 15,83	373.0	15.1	4.34		4.63	D 0.0880	0.80	0.47
NOV 17,83	NOV 16,83	158.0	8.7	****		5.03	0.0270	0.55	0.19
NOV 21,83	NOV 20,83	936.0	27.0	3.97		4.28	0.0712	2.15	0.50
NOV 22,83	NOV 21,83	189.0	23.8	4.23		4.52	0.0326	3.30	0.40
NOV 24,83	NOV 23,83	348.0	55.0	3.72		3.93	0.1732	4.05	1.23
NOV 29,83	NOV 28,83	623.0	22.5	3.98		4.33	0.0824	1.60	0.46
NOV 30,83	NOV 29,83	123.0	23.9	*****		4.38	0.0634	1.60	0.62
DEC 1,83	NOV 30,83	278.0	4.6	U 4.80	G	5.79	0.0198	0.45	0.08
DEC 2,83	DEC 1,83	铁铁铁铁铁	*****	*****	1	****	****	*****	****
DEC 3,83	DEC 2,83	170.0	20.4	4.18		4.56	0.0542	1.50	0.73
DEC 7,83	DEC 6,83	352.0	6.5	4.63	G	5.15	0.0294	0.35	0.20
DEC 9,83	DEC 8,83	237.0	24.1	4.16		4.40	0.0596	0.95	0.82
DEC 11,83	DEC 10,83		*****	*****	G	5.98	0.0240	2.00	0.83
DEC 12,83	DEC 11,83	331.0	14.2	4.30		4.69	0.0380	1.15	0.27
DEC 13,83	DEC 12,83	575.0	14.6	4.07		4.62	0.0412	1.35	0.16
DEC 15,83	DEC 14,83	138.0	41.0	*****		4.07	0.1112	3.30	0.88
DEC 17,83	DEC 16,83	42.0	*****	*****	G	6.13	0.0212	0.90	1.13

STATION NAME : NITHGROVE/DAILY/AEROCHEM #07 PAGE: 9 REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM AMMONIUM FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L SEP 22,83 SEP 21,83 0.25 0.07 0.060 0.055 0.046 G 0.0013 0.020 SEP 23,83 SEP 22,83 0.11 0.16 0.030 U 0.315 0.110 0.540 U 0.0001 SEP 24,83 SEP 23,83 0.18 0.08 0.030 0.045 0.045 0.006 0.0141 SEP 26,83 SEP 25,83 0.09 0.035 0.015 0.25 0.035 0.136 0.0437 OCT 4,83 OCT 3,83 **** ***** ***** ***** ***** ***** **** OCT 5,83 OCT 4,83 0.39 0.18 0.040 0.075 0.055 ***** 0.1047 OCT 6,83 OCT 0.06 D 0.015 0.030 5,83 0.13 0.020 0.172 0.0126 OCT 7,83 OCT 6,83 0.21 0.14 0.045 0.060 0.050 0.098 D 0.0093 OCT 8,83 OCT 7,83 0.17 0.07 0.030 0.020 0.020 0.124 0.0316 OCT 9,83 OCT 8,83 0.30 0.23 0.060 0.060 0.110 0.310 0.0398 OCT 13,83 OCT 12,83 0.11 0.26 0.030 0.050 0.035 0.098 0.0302 OCT 14,83 OCT 13,83 0.05 0.04 0.010 <T 0.010 <W 0.005 0.058 0.0209 OCT 15,83 OCT 14,83 0.06 0.030 0.005 0.12 0.020 <W 0.260 0.0166 OCT 23,83 OCT 22,83 0.09 0.12 0.025 0.025 0.070 0.022 0.0234 OCT 24,83 OCT 23,83 0.11 0.01 0.025 0.025 0.040 0.032 0.0245 <T OCT 26,83 OCT 25,83 0.23 0.065 0.060 0.25 0.100 0.194 0.0631 OCT 27,83 OCT 26,83 0.13 <T 0.02 0.025 0.105 0.085 0.054 G 0.0016 OCT 29,83 OCT 28,83 ***** ***** ***** ***** ***** ***** 0.0062 ***** 0.35 ***** ***** ***** ***** NOV 2,83 NOV 1,83 0.0724 NOV 3,83 NOV 2,83 0.10 0.11 0.015 0.040 0.045 0.660 0.0631 NOV 4,83 NOV 3,83 ***** 0.50 ***** ***** ***** 0.320 U 0.0000 NOV 10,83 0.17 0.010 0.025 0.030 0.0891 NOV 11,83 0.08 0.328 NOV 12,83 NOV 11,83 ***** 0.53 ***** ***** ***** ***** U 0.0005 0.08 0.020 0.170 NOV 16,83 NOV 15,83 0.08 0.010 0.045 0.0234 NOV 17,83 NOV 16,83 0.14 0.11 0.025 0.025 0.035 0.044 0.0093 NOV 21,83 NOV 20,83 0.15 0.23 0.020 0.030 0.100 0.176 0.0525 NOV 22,83 NOV 21,83 0.035 0.030 0.20 0.13 0.040 0.650 0.0302 NOV 24,83 NOV 23,83 0.35 0.35 0.040 0.050 0.150 0.370 0.1175 NOV 29,83 NOV 28,83 0.05 0.030 0.09 0.010 0.030 0.098 0.0468 0.050 NOV 30,83 NOV 29,83 0.20 0.20 0.040 0.070 0.132 0.0417 NOV 30,83 0.06 0.020 DEC 1,83 0.08 0.015 0.030 0.086 G 0.0016 DEC 2,83 DEC 1,83 ***** ***** ***** ***** ***** ***** ***** DEC 3,83 DEC 0.050 2,83 0.14 0.10 0.030 0.045 0.510 0.0275 DEC 7,83 DEC 6,83 0.03 <T 0.010 0.05 0.010 0.020 D 0.136 G 0.0071 DEC 9,83 DEC 8,83 0.040 0.075 0.13 0.18 0.020 0.380 0.0398 DEC 11,83 DEC 10,83 ***** 0.40 ***** ***** ***** ***** G 0.0010 DEC 12,83 DEC 11,83 0.12 0.18 0.020 0.055 0.125 0.150 0.0204 DEC 13,83 DEC 12,83 0.10 0.08 0.015 0.040 0.045 0.052 0.0240 DEC 15,83 DEC 14,83 0.27 0.040 0.080 0.065 0.348 0.0851 0.17

G 0.0007

DEC 17,83 DEC 16,83

0.47

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STATION NAME : NITHGROVE/DAILY/AEROCHEM #07 PAGE : 10

REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END	PRECIP START/END		GAUGE DEPTH(MM)	GAUGE TYPE	SAMPLE NUMBER	PROJECT CODE	SUBPROJECT CODE	SAMPLER EFFICI-	COMM FIELD	ENTS OFFICE
		HR. HR.	HR. HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
				02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
			03-	-COMP/04-0	OTHER							
DEC 19,83	DEC 18,83	900 1200	900 ****	2	5.0	7	56837	2		****	EK	
37				~		3		-				
DEC 22,83	DEC 21,83	800 800	2300 300	3	19.4	2	56838	2	1	36	В	NHM
DEC 23,83	DEC 22,83	800 900	900 1100	2	9.0	2	56839	2	1	48	C	N
DEC 24,83	DEC 23,83	900 830	1600 1930	2	6.8	2	56840	2	1	37	CD	N
DEC 26,83	DEC 25,83	900 900	700 900	2	0.6	2	56841	2	1	***	EK	
DEC 27,83	DEC 26,83	900 830	****	2	0.5	2	56842	2	1	***	EK	
DEC 28,83	DEC 27,83	830 830	930 1230	2	2.4	2	56843	2	1	12	C	N
DEC 30,83	DEC 29,83	830 830	830 1100	2	9.4	2	56844	2	1	U 39	GC	

STATI	ON NAME : NIT	HGROVE/DAILY/A	AEROCHEM	#07			PAGE: 11		
REMOVAL	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N	
		ML	UMHO/CM			MG/L	MG/L	MG/L	
DEC 19,83	DEC 18,83	*****	*****	*****	*****	*****	*****	*****	
DEC 22,83	DEC 21,83	457.0	6.0	U 4.81	U 5.10	0.0268	0.25	0.23	
DEC 23,83	DEC 22,83	277.0	22.5	4.23	4.44	0.0592	2.25	0.53	
DEC 24,83	DEC 23,83	164.0	4.7	*****	U 6.69	0.0196	0.25	0.17	
DEC 26,83	DEC 25,83	*****	*****	*****	*****	*****	*****	*****	
DEC 27,83	DEC 26,83	*****	****	*****	*****	*****	*****	*****	
DEC 28,83	DEC 27,83	19.0	*****	*****	4.27	D 0.0708	*****	*****	
DEC 30,83	DEC 29.83	235.0	*****	*****	U 6.19	0.00	*****	****	

STATI	ON NAME : NIT	HGROVE/DAILY/A	EROCHEM	#07		e =	PAGE: 12	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 19,83	DEC 18,83	*****	****	*****	*****	*****	*****	****
DEC 22,83	DEC 21,83	0.06	0.07	0.015	0.025	0.025	0.060	U 0.0079
DEC 23,83	DEC 22,83	0.13	0.19	0.035	0.025	0.130	D 0.430	0.0363
DEC 24,83	DEC 23,83	0.03	0.07	0.010	0.030	0.025	0.520	U 0.0002
DEC 26,83	DEC 25,83	*****	*****	****	*****	*****	*****	*****
DEC 27,83	DEC 26,83	*****	*****	*****	*****	*****	*****	*****
DEC 28,83	DEC 27,83	*****	*****	*****	*****	*****	*****	0.0537
DEC 30,83	DEC 29,83	*****	*****	*****	*****	*****	*****	U 0.0006

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STATION NAME : RAVEN LAKE/DAILY/AEROCHEM

#05

PAGE: 1

		01.01	2011 11						LITTO	112.11	# O D				1 60	J			
,		IOVAL DATE		POSUI Date		START	PLING T/END HR.	START	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	EFI EI	MPLER FICI- NCY (%)		ENTS OFFICE
.14	NA	4,83	JAN	3,	83	830	830	830	1230	2	1.9	2	28838	2	1		50		
	AN.	6,83				830			****	2	1.7	2	28839	2	î		80		
	AN			6,1		830	830		830	3	9.3	2	28840	2	î		75		
	١N			7,1		830	830		1800	2	1.4	2	28841	2	î		65		T
		11,83		10,		830	830		1800	1	15.3	2	28842	2	î		97		HM
		12,83		11,8		830	830		2400	3	2.7	2	28843	2	î		76		
		14,83		13,		830	830		2400	2	1.1	2	28844	2	1	*	***	EK	
		15,83		14,		830	830	100		2	5.5	2	28845	2	i		31	LIV	N
		16,83		15,8		830	830		1100	2	1.3	2	28846	2	i		14		N
		23,83		22,1		830	830	400		2	2.7	2	28847	2	1		59		
		24,83		23,8		830	830		2400	2	6.9	2	28848	2	1		80		
		25,83		24,8		830	830		2300	2	3.9	2	28849	2	î		46		N
		26,83		25,8		830	830		1115	2	2.5	2	28850	2	1		10		N
		31,83		30,8		830	830		1830	2	9.9	2	28851	2	1		83		14
		1,83		31,8		830	830		1100	4	1.3	2	28852	2	1		57		
FE		3,83		2,8		830	830		1430	1	19.3	2	28853	2	1	,	104		
FE			FEB			830	830		1330	4	6.7	2	28854	2	1		97		
FE		7,83				830	830	400		2	3.5	2	28855	2	1		60		
FE		8,83				830	830		1000	2	1.5		28856	2	1				
		18,83		17,8		2000	830					2			= -		50		
						830			1100	4	1.1	2	28857	2	1		87		
		23,83		22,8		830	830 ****	2100		3	8.7	2	28858	2	1		97		
	AR	4,83		3,8				2100		3	3.7	2	28859	2	1		97		
	AR	5,83		4,8			****	1430		1	5.1	2	28860	2	1		114		
		7,83					****	1900		1	0.9	2	28861	2	1		117		
		9,83					****	2200		1	1.3	2	28862	2	1		79		
		10,83		9,8			****	1900		1	3.6	2	28863	2	1		97	_	-22
		15,83		14,8		830	830	1900		1	0.2	2	28864	2		U		Р	N
		19,83		18,8		830	830	2100		1	6.7	2	28865	2	1		90		
		20,83		19,8		830	830	1400		2	7.1	2	28866	2	1	1	106		CM
		22,83		21,8		830	830		1400	3	14.1	2	28867	2	1	503	34		N
		23,83		22,8		830	830		1500	2	0.5	2	28868	2	1		***	E	N
		28,83		27,8		830	830	1130		3	10.3	2	28869	2	1		***	GE	20
		29,83		28,8		830	830		1400	4	2.1	2	28870	2	1	1	130		И
		3,83		2,8		830	830	2100	800	2	14.7	2	28871	2	1		79		HCM
		4,83		3,8		830	830	1730	400	1	6.1	2	28872	2	1		97		
	PR	5,83		100		830	830	1600		1	0.3	2	28873	2	1		31	E	И
	PR	7,83		1000		830	830	645	800	1	0.4	2	28874	2			210	P	N
	PR	8,83		250,733		830	830		1200	1	5.5	2	28875	2	1		108		
_		10,83		9,8		830	830	200	830	1	18.7	2	28876	2	1		100		
_AF	'R	11,83	APR	10,8	33	830	830	830	1100	1	1.3	2	28877	2	1	1	130		И

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	STATI	ON N	AME : F	RAVEN LAKE/DAILY/	AEROCHEM	#05			PAGE : 2		
	OVAL		POSURE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE		TRATE AS N
				ML	UMHO/CM			MG/L	MG/L		IG/L
JAN	4,83	JAN	3,83	62.0	****	*****	4.97	0.0340	0.05	(0.08
JAN	6,83	JAN	5,83	88.0	****	*****	4.09	0.0872	1.55	(0.99
JAN	7,83	JAN	6,83	448.0	43.0	3.98	4.14	0.1134	D 2.85	(0.97
JAN	8,83	JAN	7,83	59.0	*****	*****	4.09	0.0770	1.25	(0.70
MAL	11,83	MAL	10,83	959.0	27.5	4.14	4.44	0.0682	1.90	(0.50
JAN	12,83	JAN	11,83	133.0	*****	*****	4.28	0.0924	1.30	(0.66
JAN	14,83	MAL	13,83	*****	****	*****	*****	*****	*****	**	***
JAN	15,83	JAN	14,83	111.0	****	*****	4.06	0.1224	1.15	1	1.32
JAN	16,83	JAN	15,83	12.0	*****	*****	*****	*****	*****	**	***
JAN	23,83	JAN	22,83	103.0	*****	*****	4.43	0.0624	1.30	(0.37
JAN	24,83	JAN	23,83	354.0	38.4	4.08	4.06	0.1134	2.10	(0.85
MAL	25,83	JAN	24,83	116.0	****	*****	4.19	0.0916	2.35	(0.60
JAN	26,83	MAL	25,83	17.0	*****	*****	*****	. ******	*****	**	***
JAN	31,83	JAN	30,83	527.0	48.0	3.99	3.99	0.1394	3.20	1	1.00
FEB	1,83	MAL	31,83	48.0	*****	*****	4.08	0.1062	3.10	(0.60
FEB	3,83	FEB	2,83	1290.0	30.6	4.18	4.15	0.0972	1.95	(0.51
FEB	4,83	FEB	3,83	418.0	38.0	4.12	4.02	0.1148	2.60	(0.64
FEB	7,83	FEB	6,83	135.0	28.0	*****	4.11	0.0918	0.15	(0.90
FEB	8,83	FEB	7,83	49.0	*****	*****	4.48	0.0602	0.20	(0.32
FEB	18,83	FEB	17,83	62.0	*****	*****	3.31	G 0.5720	G 11.30	G i	5.00
FEB	23,83	FEB	22,83	544.0	52.0	4.01	3.97	0.1472	3.95	(0.84
MAR	4,83	MAR	3,83	231.0	41.5	4.06	4.24	0.0626	3.40	1	1.00
MAR	5,83	MAR	4,83	373.0	23.4	4.23	4.38	0.0572	1.80	(0.31
MAR	7,83	MAR	6,83	68.0	*****	*****	4.51	0.0572	4.15	(0.56
MAR	9,83	MAR	8,83	66.0	*****	*****	3.92	0.1526	4.50	1	1.28
MAR	10,83	MAR	9,83	226.0	G 92.5	3.66	3.73	G 0.2340	6.75	1	1.31
MAR	15,83	MAR	14,83	35.0	*****	*****	*****	*****	G 23.50	G !	5.90
MAR	19,83	MAR	18,83	390.0	8.9	4.69	4.99	0.0318	0.65	(0.18
MAR	20,83	MAR	19,83	485.0	6.6	4.67	5.08	0.0274	0.40	(0.10
MAR	22,83	MAR	21,83	315.0	6.1	4.80	5.04	0.0290	0.55	(0.05
MAR	23,83	MAR	22,83	*****	*****	*****	*****	*****	****	米米	***
MAR	28,83	MAR	27,83	*****	*****	*****	*****	*****	****	**	***
MAR	29,83	MAR	28,83	176.0	44.0	3.99	*****	*****	2.65	(0.79
APR	3,83	APR	2,83	748.0	12.8	4.47	4.93	0.0304	0.95		0.27
APR	4,83	APR	3,83	381.0	27.7	4.21	4.33	0.0676	1.85		0.52
APR	5,83	APR	4,83	6.0	*****	*****	*****	****	****	**	***
APR	7,83	APR	6,83	54.0	*****	*****	*****	****	5.25	(0.68
APR	8,83	APR	7,83	382.0	50.0	3.93	4.01	0.1272	4.45	(0.59
APR	10,83	APR	9,83	1208.0	20.4	4.28	4.47	0.0568	1.50	(0.30
APR	11,83	APR	10,83	109.0	****	*****	3.84	0.1876	5.95	1	1.17

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	STATI	ON NAM	IE : R	AVEN	LAKE/DA	ILY/AE	ROCHEM	ľ	#05						P	AGE : 3			
1000	MOVAL DATE	1777	SURE		CALCIUM	1	CHLO	RIDE		MAGNESIM		POTASSI	М	SODIUM		AMMONIUM AS N	ı	FREE LAB	1990
					MG/L		MG	/L		MG/L		MG/L		MG/L		MG/L		MG/	
JAN	4,83	JAN	3,83		*****		0.	15		*****		****		****		****		0.010	7
JAN	6,83	JAN	5,83	G	0.88		0.	29		0.090		0.025		0.050		0.092		0.081	3
JAN	7,83	JAN	6,83		0.09		0.	20		0.005		0.025		0.030	D	0.600		0.072	4
JAN	8,83	JAN	7,83		****		0.	13		*****		*****		*****		*****		0.081	3
JAN	11,83	JAN 1	0,83		0.10		0.	12		0.005	<1	0.005		0.020		0.208		0.036	3
JAN	12,83	JAN 1	1,83		0.06		0.	10		0.005	<t< td=""><td>0.005</td><td></td><td>0.020</td><td></td><td>0.178</td><td></td><td>0.052</td><td>5</td></t<>	0.005		0.020		0.178		0.052	5
JAN	14,83	JAN 1	3,83		*****		***	***		*****		*****		*****		*****		****	¥
JAN	15,83	JAN 1	4,83		0.04		0.	28		0.040		0.025		0.055		0.074		0.087	1
JAN	16,83	JAN 1	5,83		****		***	**		*****		*****		*****		*****		****	¥
JAN	23,83	JAN 2	2,83		0.04		0.	15		0.045		0.025		0.085		0.032		0.037	2
JAN	24,83	JAN 2	3,83	<t< td=""><td>0.01</td><td></td><td>0.</td><td>16</td><td></td><td>0.010</td><td></td><td>0.025</td><td></td><td>0.040</td><td></td><td>0.162</td><td></td><td>0.087</td><td>1</td></t<>	0.01		0.	16		0.010		0.025		0.040		0.162		0.087	1
JAN	25,83	JAN 2	4,83	<t< td=""><td>0.02</td><td></td><td>0.</td><td>11</td><td></td><td>0.010</td><td></td><td>0.040</td><td></td><td>*****</td><td></td><td>0.260</td><td></td><td>0.064</td><td>6</td></t<>	0.02		0.	11		0.010		0.040		*****		0.260		0.064	6
JAN	26,83	JAN 2	5,83		****		***	**		*****		*****		****		*****		****	*
JAN	31,83	JAN 3	0,83		0.09		0.	37	<w< td=""><td>0.005</td><td></td><td>0.120</td><td></td><td>D 0.145</td><td></td><td>0.410</td><td></td><td>0.102</td><td>3</td></w<>	0.005		0.120		D 0.145		0.410		0.102	3
FEB	1,83	JAN 3	1,83		*****		0.	14		*****		*****		*****		*****		0.083	
FEB	3,83	FEB	2,83		0.04		0.	27	<w< td=""><td>0.005</td><td></td><td>0.140</td><td></td><td>0.140</td><td></td><td>0.148</td><td></td><td>0.070</td><td></td></w<>	0.005		0.140		0.140		0.148		0.070	
FEB	4,83	FEB	3,83		0.02		0.	07	<w< td=""><td>0.005</td><td></td><td>0.010</td><td></td><td>0.020</td><td></td><td>0.324</td><td></td><td>0.095</td><td>5</td></w<>	0.005		0.010		0.020		0.324		0.095	5
FEB	7,83	FEB	6,83		*****		0.	12		*****		*****		*****	<t< td=""><td>0.004</td><td></td><td>0.077</td><td>6</td></t<>	0.004		0.077	6
FEB	8,83	FEB	7,83		*****		0.	07		****		*****		*****		*****		0.033	
FEB	18,83	FEB 1	7,83		****		G 1.	00		****		*****		****		*****		0.489	8
FEB	23,83	FEB 2	2,83		0.13		0.	18		0.015		0.025		0.045		0.590		0.107	2
MAR	4,83	MAR	3,83		0.23		0.	17		0.035		0.040		0.075		0.780		0.057	
MAR	5,83	MAR	4,83		0.11		0.	07		0.015		0.010		0.035		0.052		0.041	
MAR	7,83	MAR	6,83	G	1.15		0.	52	G	0.125	G	0.165		G 0.375		*****		0.030	
MAR	9,83	MAR	8,83	D	0.27		0.	27		0.025		0.050		0.170		*****		0.120	2
MAR	10,83	MAR	9,83		0.07		0.	15		0.010		0.025		0.050		0.314		0.186	2
MAR	15,83	MAR 1	4,83		*****		G 1.	51		*****		*****		*****		*****		****	¥
MAR	19,83	MAR 1	8,83		0.07		0.	11		0.010		0.045		0.125		0.106		0.010	2
MAR	20,83	MAR 1	9,83		0.02		0.	03	<w< td=""><td>0.005</td><td>< W</td><td>0.005</td><td></td><td>0.015</td><td></td><td>0.044</td><td></td><td>0.008</td><td>3</td></w<>	0.005	< W	0.005		0.015		0.044		0.008	3
MAR	22,83	MAR 2	1,83		0.10		0.	03	<t< td=""><td>0.005</td><td></td><td>0.015</td><td></td><td>0.025</td><td><t< td=""><td>0.002</td><td></td><td>0.009</td><td>1</td></t<></td></t<>	0.005		0.015		0.025	<t< td=""><td>0.002</td><td></td><td>0.009</td><td>1</td></t<>	0.002		0.009	1
MAR	23,83	MAR 2	2,83		*****		****	**		*****		*****		*****		*****		****	¥
MAR	28,83	MAR 2	7,83		*****		***	**		*****		*****		*****		*****		****	¥
MAR	29,83	MAR 2	8,83		0.15		0.	09		0.020		0.020		0.025	1.5	0.132		****	¥
APR	3,83	APR	2,83		0.10		0.	06		0.010		0.020		0.030	D	0.172		0.011	7
APR	4,83	APR	3,83		0.08		0.	09		0.010		0.030		0.020		0.240		0.0468	8
APR	5,83	APR	4,83		*****		****	**		*****		*****		*****		*****		****	¥
APR	7,83	APR	6,83		*****		0.	25		*****		*****		*****		*****		****	*
APR	8,83	APR	7,83		0.06		0.	08	<w< td=""><td>0.005</td><td></td><td>0.020</td><td></td><td>0.020</td><td></td><td>0.314</td><td></td><td>0.097</td><td>7</td></w<>	0.005		0.020		0.020		0.314		0.097	7
APR	10,83	APR	9,83		0.06		0.	03	<w< td=""><td>0.005</td><td></td><td>0.030</td><td></td><td>0.010</td><td></td><td>0.112</td><td></td><td>0.0339</td><td>9</td></w<>	0.005		0.030		0.010		0.112		0.0339	9
APR	11,83	APR 1	0,83		0.26		0.	20		0.020		0.070		0.110		0.600		0.144	5

STATION NAME : RAVEN LAKE/DAILY/AEROCHEM #05 PAGE: 4

	REI	MOVAL	EX	POSURE	SAMP	LING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	сомм	ENTS
	1	DATE		DATE	START	/END	STAR	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
					HR.	HR.	HR.	HR.	01-RAIN		O1-STD.		02-APIOS	01-M0E	ENCY		
									02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
								03-	COMP/04-0	THER							
	APR	14,83	APR	13,83	830	830	530	830	1	3.3	2	28878	2	1	105		
	APR	15,83	APR	14,83	830	830	2000	2200	1	10.7	2	28879	2	1	108		
		16,83		15,83	830	830	730		3	***	2	28880	2	1	****	E	
		20,83		19,83	830	830	400	600	2	1.8	2	28881	2	1	11	200	N
		21,83		20,83	830	830		2400	3	4.6	2	28882	2	1	57		
		29,83		28,83	830	830		1930	1	4.0	2	28883	2	1	120		NH
		1,83		30,83	830	830	1245		ī	20.4	2	28884	2	1	97		N
	MAY	2,83	MAY		830	830	200	600	î	10.0	1	28885	2	1	95		
	MAY	3,83	MAY		830	830	1515		î	27.4	î	28886	2	1	105		
	MAY	4,83	MAY	3,83	830	830		2100	î	8.6	î	28887	2	1	96		
	MAY	7,83	MAY		830	830	400	500	1	2.5	1		2				
												28888		1	93	С	
	YAM		MAY		830	830	1830		1	29.0	1	28889	2	1	101		
	MAY		MAY		830	830		1000	1	0.4	1	28890	2	1	42		N
		15,83		14,83	830	830		2400	1	14.4	1	28891	2	1	104		
		20,83		19,83	830	830	1530		1	20.0	1	28892	2	1	101		
		21,83		20,83	830	830	1100		1	2.2	1	28893	2	1	87		
				22,83	830	830	1500		1	12.5	1	28894	2	1	108		
	MAY	24,83	MAY	23,83	830	830	1830	1900	1	0.6	1	28895	2	1	158		N
	MAY	26,83	MAY	25,83	830	830	1900	2130	1	8.7	1	28896	2	1	104		
	MAY	27,83	MAY	26,83	830	830	1000	1100	1	0.3	1	28897	2	1	52		
	MAY	30,83	MAY	29,83	830	830	1900	2000	1	2.8	1	28898	2	1	118		
	JUN	1,83	MAY	31,83	830	830	1530	1700	1	10.3	1	28899	2	1	101		
	JUN	7,83	JUN	6,83	800	830	800	1300	1	6.4	1	28900	2	1	99		
	JUN	10,83	JUN	9,83	830	830	200	400	1	4.0	1	28901	2	1	95		
	JUN	26,83	JUN	25,83	830	830	700	730	1	0.4	1	28902	2	1	120		N
		27,83	JUN	26,83	830	830	2145	2400	1	6.6	1	28903	2	1	107		
		28,83		27,83	830	830	1830		1	4.0	1	28904	2	1	99		
	JUL			30,83	830	830		2145	1	1.0	1	28905	2	1	54		
	JUL	2,83	JUL		830	830	1400		1	8.2	1	28906	2	1	103		
	JUL	3,83	JUL		830	830	700		1	2.2	1	28907	2	1	99		
	JUL	5,83	JUL		830	830	1845		1	8.6	1	28908	2	ī	108		
	-JUL	9,83	JUL		830	830		2200	1	2.2	î	28909	2	1	92		
		29,83		28,83	830	830		1730	1	2.3	î	28910	2	1	103		
				29,83		830	2045		1		1		750	1			
		30,83			830		600			18.4		28911	2		107		
				30,83	830	830			1	6.8	1	28912	2	1	118		
	AUG	1,83		31,83	830	830	1030		1	12.0	1	28913	2	1	107		
	AUG	2,83	AUG		830	830	1545		1	1.0	1	28914	2	1	45		N
	AUG	4,83	AUG		830	830	400	600	1	14.4	1	28915	2	1	107		
	AUG	9,83	AUG		830	830	1500		1	0.7	1	28916	2	1	158		N
ž.	_AUG	11,83	AUG	10,83	830	830	800	830	1	0.3	1	28593	2	1	93		

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STA	TION NAME : RA	VEN LAKE/DAILY	'AEROCHEM	#05			PAGE : 5	
REMOVAL		VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE	ML	UMHO/CM	FIELD	LAB	TO PH8.3 MG/L	MG/L	AS N MG/L
APR 14,8		223.0	86.2	3.73	3.84	0.2020	8.50	1.03
APR 15,8		745.0	29.7	4.19	4.33	0.0708	2.60	0.38
APR 16,8		5.0	张张张张张	*****	****	*****	*****	****
APR 20,8	3 APR 19,83	13.0	****	*****	****	*****	*****	*****
APR 21,8	3 APR 20,83	171.0	张兴兴兴兴	G 5.06	G 5.42	0.0208	0.20	0.05
APR 29,8	3 APR 28,83	309.0	28.4	4.44	4.90	0.0386	4.00	0.61
MAY 1,8	3 APR 30,83	1277.0	*****	****	*****	*****	*****	*****
MAY 2,8	3 MAY 1,83	615.0	25.5	4.26	4.43	0.0644	2.45	D 0.30
MAY 3,8	3 MAY 2,83	1850.0	15.6	4.52	4.73	0.0404	1.60	0.24
MAY 4,8	3 MAY 3,83	534.0	17.5	4.39	4.57	0.0502	1.60	0.14
MAY 7,8	3 MAY 6,83	150.0	*****	****	U 4.00	U 0.1740	U 16.50	U 3.00
MAY 8,8	3 MAY 7,83	1885.0	15.6	4.52	4.85	B 0.2960	2.05	0.27
MAY 9,8	3 MAY 8,83	11.0	*****	*****	*****	*****	*****	*****
MAY 15,8	3 MAY 14,83	960.0	42.9	4.05	4.21	0.0934	4.60	0.49
	3 MAY 19,83	1297.0	13.5	4.57	4.77	0.0386	1.20	0.17
	3 MAY 20,83	124.0	****	*****	4.21	0.1026	4.45	0.97
MAY 23,8		873.0	22.2	4.32	4.52	0.0568	2.25	0.21
	3 MAY 23,83	61.0	*****	*****	*****	*****	1.10	0.10
	3 MAY 25,83	584.0	39.6	4.11	4.23	0.0926	3.65	0.57
	3 MAY 26,83	10.0	****	*****	*****	*****	****	*****
MAY 30,8		212.0	49.3	4.00	4.16	0.1148	5.45	0.61
JUN 1,8	그런	667.0	24.2	4.42	4.62	0.0510	2.95	0.51
JUN 7,8		410.0	19.3	4.37	4.54	0.0560	1.95	0.15
JUN 10,8		244.0	G 120.0	3.74	3.82	0.2380	13.30	G 2.95
JUN 26,8		31.0	*****	*****	4.30	****	****	*****
JUN 27,8		454.0	49.5	3.97	4.11	0.1122	6.10	0.78
JUN 28,8		255.0	18.5	4.27	4.57	0.0500	2.00	0.29
JUL 1,8		35.0	*****	*****	4.32	0.0912	4.95	0.96
JUL 2,8		544.0	38.0	4.10	4.24	0.0878	4.20	0.67
JUL 3,8		140.0	*****	*****	4.87	0.0364	0.75	0.24
JUL 5,8	[10] ONDER [2] USE (CONTROL OF CONTROL OF CO	597.0	17.8	4.39	4.66	0.0426	2.55	0.25
JUL 9,8		131.0	47.3	*****	4.43	0.0850	7.00	1.03
JUL 29,8		152.0	80.0	*****	3.92	0.1754	7.70	1.28
JUL 30,8		1273.0	22.7	4.33	4.56	0.0534	2.90	0.30
JUL 31,8		515.0	40.5	4.05	4.18	0.0994	4.15	0.42
AUG 1,8		825.0	34.2	4.05 *****	4.26	0.0850	3.60	0.42
AUG 2,8		29.0	*****	*****	G 5.84	0.0206	3.60 *****	*****
AUG 2,8		995.0	41.3	4.03	4.18	0.0206	3.90	0.62
AUG 9,8		71.0	*****	*****	U 7.11	0.0208	2.95	0.49
			*****	*****				
AUG 11,8	2 MOR TO 92	18.0	RRRRRR	乔乔乔乔乔	4.39	0.0816	3.50	0.68

STAT	ION NAME : RA	AVEN LAKE/DAILY/	AEROCHEM	#05			PAGE : 6	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
APR 14,83	APR 13,83	0.35	0.28	0.050	0.100	0.150	0.870	0.1445
APR 15,83	APR 14,83	0.25	0.15	0.040	0.030	0.080	0.186	0.0468
APR 16,83	APR 15,83	*****	****	****	*****	*****	*****	*****
APR 20,83	APR 19,83	*****	*****	*****	*****	*****	*****	*****
APR 21,83	APR 20,83	0.05	0.04	0.010	0.020	0.020	0.016	G 0.0038
APR 29,83	APR 28,83	G 1.18	0.17	0.105	0.060	0.055	0.780	0.0126
MAY 1,83	APR 30,83	*****	*****	*****	*****	*****	*****	*****
MAY 2,83	MAY 1,83	0.20	0.15	0.035	0.040	0.095	0.292	0.0372
MAY 3,83	MAY 2,83	0.29	0.15	0.050	0.030	0.060	0.208	0.0186
MAY 4,83	MAY 3,83	0.14	0.06	0.020	0.015	0.035	0.034	0.0269
MAY 7,83	MAY 6,83	U 6.30	U 0.92	U 0.715	U 0.285	U 0.275	U 1.630	U 0.1000
MAY 8,83	MAY 7,83	0.49	0.12	0.070	0.040	0.065	0.256	0.0141
MAY 9,83	MAY 8,83	****	*****	*****	*****	*****	*****	*****
MAY 15,83	MAY 14,83	0.36	0.25	0.055	0.050	0.100	0.570	0.0617
MAY 20,83	MAY 19,83	0.15	0.07	0.025	0.025	0.030	0.200	0.0170
MAY 21,83	MAY 20,83	0.26	0.19	0.040	0.050	0.060	1.150	0.0617
MAY 23,83	MAY 22,83	0.14	0.10	0.025	0.030	0.040	0.276	0.0302
MAY 24,83	MAY 23,83	0.25	0.20	0.050	0.025	0.090	D 0.358	*****
MAY 26,83	MAY 25,83	0.30	0.12	0.045	0.025	0.025	0.540	0.0589
MAY 27,83	MAY 26,83	*****	*****	*****	****	*****	*****	*****
MAY 30,83	MAY 29,83	0.34	0.19	0.025	0.060	0.060	0.650	0.0692
JUN 1,83	MAY 31,83	0.50	0.15	0.060	0.050	0.045	0.530	0.0240
JUN 7,83	JUN 6,83	0.13	0.07	0.020	0.020	0.020	0.102	0.0288
JUN 10,83	JUN 9,83	G 2.85	G 0.73	G 0.670	0.125	0.105	1.460	0.1514
JUN 26,83	JUN 25,83	****	*****	*****	*****	*****	*****	0.0501
JUN 27,83	JUN 26,83	0.64	0.20	0.130	0.085	0.040	0.860	0.0776
JUN 28,83	JUN 27,83	*****	0.14	*****	*****	*****	0.350	0.0269
JUL 1,83	JUN 30,83	*****	0.60	*****	*****	*****	*****	0.0479
JUL 2,83	JUL 1,83	0.35	0.16	0.055	0.050	0.040	0.810	0.0575
JUL 3,83	JUL 2,83	*****	0.10	*****	*****	*****	*****	0.0135
JUL 5,83	JUL 4,83	0.43	0.18	0.075	0.060	0.115	0.410	0.0219
JUL 9,83	JUL 8,83	G 2.00	0.39	G 0.280	G 0.150	0.140	0.790	0.0372
JUL 29,83	JUL 28,83	G 1.54	0.43	0.200	0.060	0.090	0.350	0.1202
-JUL 30,83	JUL 29,83	0.32	0.13	0.040	0.030	0.060	0.390	0.0275
JUL 31,83	JUL 30,83	0.09	0.16	0.015	0.030	0.055	0.430	0.0661
			0.13	0.010	0.025	0.035	0.360	0.0550
AUG 1,83 AUG 2,83		0.07 *****	U.13 *****	*****	*****	*****	*****	G 0.0014
	AUG 1,83		0.13	0.080	0.040	0.025	0.440	0.0661
		0.36	0.13	*****	0.040 *****	W.U25	0.800	U 0.0001
AUG 9,83	AUG 8,83	*****					*****	
AUG 11,83	AUG 10,83	****	0.55	****	*****	*****	RRRRRR	0.0407

_NOV 16,83 NOV 15,83

830 830

1400 1700

3

10.6

28957

STATION NAME : RAVEN LAKE/DAILY/AEROCHEM PAGE: 7 #05 REMOVAL **EXPOSURE** SAMPLING PRECIP SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- FIELD OFFICE DATE START/END START/END TYPE 01-STD. 02-APIOS 01-MOE ENCY HR. HR. HR. HR. O1-RAIN 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER AUG 20,83 AUG 19,83 830 830 1630 1700 1 0.9 1 28918 2 1 142 N AUG 22,83 AUG 21,83 830 830 300 800 22.5 28919 2 111 1 AUG 26,83 AUG 25,83 830 830 600 630 1 0.4 1 28920 2 1 70 AUG 29,83 AUG 28,83 830 830 1500 1630 1 29.4 1 28921 2 1 97 JH AUG 30,83 AUG 29,83 830 830 1520 1600 14.2 28922 105 AUG 31,83 AUG 30,83 830 830 1400 1530 28923 JH 1 16.4 1 106 SEP 7,83 SEP 6,83 830 830 930 940 1 0.3 28924 1 10 E N SEP 10,83 SEP 9,83 2115 2130 0.4 28925 93 830 830 SEP 11,83 SEP 10,83 830 830 200 230 0.9 28926 147 N 1 2 1 SFP 17,83 SEP 16.83 830 830 2300 2400 1 16.7 28927 1 104 SEP 18,83 SEP 17,83 830 830 1015 1100 28928 76 2.0 1 SEP 19,83 SEP 18,83 830 830 1000 1330 28929 98 1 10.2 1 SEP 21,83 SEP 20,83 830 830 400 800 1 14.4 28930 1 99 SEP 22,83 SEP 21,83 830 830 830 1030 2.0 28931 75 SEP 23,83 SEP 22,83 830 830 1300 1330 1.0 28932 53 1 2 1 SEP 24,83 SEP 23,83 830 830 1300 1330 1 1.3 28933 1 98 SEP 26,83 SEP 25,83 830 830 1915 2300 28934 99 4.4 1 SEP 28,83 SEP 27,83 830 830 830 840 1 0.3 28935 1 15 E OCT 4,83 OCT 3,83 830 830 2000 2400 1 10.2 28936 1 99 28937 102 OCT 5,83 OCT 4,83 830 830 2300 2400 18.2 OCT 6,83 OCT 5,83 830 830 1300 1615 8.2 28938 96 .3 1 2 1 OCT 7,83 OCT 6,83 830 830 1200 1215 4.8 28939 1 98 JHM 1 28940 OCT 8,83 OCT 7,83 830 830 600 830 1 101 8.4 OCT 9,83 OCT 8,83 830 830 830 1200 28941 156 1 2.6 1 N OCT 12,83 OCT 11,83 830 830 745 830 0.7 28942 120 N 1 1 OCT 13,83 OCT 12,83 830 1130 28943 103 830 830 8.0 1 OCT 14,83 OCT 13,83 830 830 1700 2200 1 22.4 28944 2 1 103 J OCT 15,83 OCT 14,83 830 830 1515 1700 1 4.6 28945 1 92 JH OCT 23,83 OCT 22,83 830 830 500 830 4.5 28946 1 97 OCT 24,83 OCT 23,83 830 830 830 1230 1 2.7 28947 1 76 OCT 26,83 OCT 25,83 830 830 2245 2330 1 2.0 28948 1 58 OCT 27,83 OCT 26,83 830 830 1630 2000 2.3 28949 2 79 HCM 1 1 OCT 29,83 OCT 28,83 830 830 1730 1800 28950 72 1 2.0 2 1 HM NOV 2,83 NOA 1,83 830 830 530 830 2.3 28951 2 1 75 HM NOV 3,83 NOV 2,83 830 830 1745 2000 28952 101 1 10.5 2 1 NOV 4,83 NOV 3,83 830 830 2200 2400 2 2.0 28953 N 2 1 10 NOV 5,83 NOV 4,83 830 830 1030 1800 2 7.4 28954 1 83 JC NOV 11,83 NOV 10,83 830 830 1930 830 1 7.7 28955 2 1 98 NOV 12,83 NOV 11,83 830 830 830 1200 3 9.7 28956 35 NJHCM 2 1

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STATION NAME : RAVEN LAKE/DAILY/AEROCHEM #05 PAGE: 8 PH TOTAL H+ SULPHATE NITRATE REMOVAL **EXPOSURE** VOLUME CONDUCT. PH TO PH8.3 AS N DATE DATE FIELD LAB MG/L MG/L ML UMHO/CM MG/L **** **** 6.21 0.0254 2.95 0.79 AUG 20,83 AUG 19,83 82.0 AUG 22,83 AUG 21,83 1603.0 16.4 **** 4.68 0.0478 1.55 0.16 AUG 26,83 AUG 25,83 18.0 ***** ***** 4.27 0.1120 ***** ***** AUG 29,83 AUG 28,83 1836.0 8.9 4.42 5.28 0.0280 1.40 0.06 AUG 30,83 4.38 0.0732 4.35 0.17 AUG 29,83 956.0 30.2 4.04 AUG 31,83 AUG 30,83 1115.0 6.1 4.62 G 5.87 0.0190 0.75 0.17 ***** ***** ***** ***** SEP 7,83 SEP 6,83 2.0 **** ***** SEP 10,83 24.0 ***** ***** 7.23 0.0190 5.20 1.23 SEP 9,83 SEP 11,83 SEP 10,83 85.0 20.5 ***** 5.64 0.0290 3.65 0.54 SEP 17,83 4.03 4.16 0.1006 0.55 SEP 16,83 1118.0 39.7 3.60 SEP 18,83 SEP 17,83 98.0 37.8 ***** 4.18 0.0946 3.70 0.50 SEP 19,83 SEP 18,83 646.0 23.5 4.31 4.42 0.0636 2.30 0.36 SEP 21,83 SEP 20,83 922.0 19.1 4.35 4.49 0.0544 1.85 0.21 SEP 22,83 SEP 21,83 97.0 ***** 5.18 0.0262 0.50 0.07 5.1 SEP 23,83 SEP 22,83 34.0 ***** ***** 6.26 0.0178 0.70 0.06 SEP 24,83 ***** 4.64 0.0456 1.45 0.05 SEP 23,83 82.0 13.6 SEP 26,83 SEP 25,83 281.0 49.1 3.97 4.10 0.1268 4.30 0.76 SEP 28,83 SEP 27,83 3.0 ***** ***** ***** ***** ***** ***** OCT 4,83 OCT 3,83 652.0 20.2 4.02 4.79 0.0460 4.10 0.43 OCT 5,83 OCT 4,83 1190.0 49.3 3.80 4.13 0.1182 5.05 1.07 OCT 6,83 OCT 5,83 507.0 15.9 3.95 4.53 0.0548 1.20 0.25 OCT 7,83 OCT 6,83 303.0 4.3 4.68 5.44 0.0222 0.40 0.02 OCT 8,83 OCT 7,83 547.0 28.6 4.15 4.36 0.0756 2.90 0.68 OCT 9,83 OCT 8,83 260.0 24.2 4.17 4.38 0.0694 2.10 0.48 OCT 12,83 OCT 11,83 ***** ***** 0.0410 54.0 4.71 1.70 0.36 OCT 13,83 OCT 12,83 531.0 6.0 4.63 5.12 0.0250 0.70 0.04 OCT 14,83 OCT 13,83 1489.0 9.5 4.20 4.78 0.0356 1.10 0.11 OCT 15,83 OCT 14,83 4.38 5.30 0.0256 0.23 274.0 8.5 1.40 OCT 23,83 OCT 22,83 280.0 19.2 4.07 4.44 0.0574 1.35 0.41 OCT 24,83 OCT 23,83 133.0 24.8 ***** 4.38 0.0696 2.05 0.35 OCT 26,83 OCT 25,83 75.0 ***** ***** 4.19 0.0940 3.25 0.79 OCT 27,83 OCT 26,83 117.0 7.4 ***** 5.32 0.0244 0.85 0.04 OCT 29,83 OCT 28,83 93.0 20.5 ***** 7.36 0.0186 3.60 0.95 NOV 2,83 NOV 1,83 112.0 67.0 ***** 3.97 0.1826 1.54 6.60 NOV 3,83 NOV 2,83 680.0 72.5 3.63 3.96 0.1834 6.90 1.41 NOV 4,83 NOV 3,83 14.0 ***** ***** ***** ***** ***** ***** NOV 5,83 NOV 4,83 395.0 6.2 4.59 5.52 0.0222 0.30 0.05 NOV 11,83 NOV 10,83 487.0 47.0 3.77 4.14 0.1186 4.05 0.87 NOV 12,83 NOV 11,83 220.0 5.2 4.93 5.73 0.0194 0.45 0.01

4.16

4.57

0.0506

1.05

0.36

NOV 16,83 NOV 15,83

649.0

16.9

-89

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

	STATI	ON NA	AME	: R#	VEN LAKE	/DAIL)	//AERO	CHEM		#05								PAG	GE: 9			
	10VAL		POSU		CALC	IUM		CHLOR	IDE	MA	GNESIM		POTA	SSIM		SODIUM	1	1	AMMONIU	М	FF	REE H+
1	DATE	,	DATE		MG	/L		MG/	L)	MG/L		MG	/L	Œ	MG/L			MG/L			MG/L
AUG	20,83	AUG	19,	83	1.	28		0.3	6		.155		0.1		G				0.750	U		.0006
AUG	22,83	AUG	21,	83	0.	13		0.0	6		.015		0.0			0.025			0.142			.0209
AUG	26,83	AUG	25,	83	****	**		****	×		***		****			****		3	*****			. 0537
AUG	29,83	AUG	28,	83	0.	29		0.0	4		.020		0.0			0.100			0.234	G		.0052
AUG	30,83	AUG	29,	83	0.	71		0.0	8	0	.040		0.0	30	<t< td=""><td>0.010</td><td></td><td></td><td>0.270</td><td></td><td></td><td>.0417</td></t<>	0.010			0.270			.0417
AUG	31,83	AUG	30,	83	0.	34		0.0	5	0	.015		0.0	70		0.065			0.216	G		.0013
SEP	7,83	SEP	6,	83	****	**		****	¥	**	***		***	**		*****		3	***			****
SEP	10,83	SEP	9,	83	***	**	U	0.8	9	**	****		****	**		*****		3	*****			.0001
SEP	11,83	SEP	10,	83	米米米米	**		0.2	4	**	***		***	**		****			0.860	G		.0023
SEP	17,83	SEP	16,	83	0.	17	D	0.2	5	0	.020		0.0	15		0.020			0.312		0	.0692
SEP	18,83	SEP	17,	83	0.	26		0.1	6	0	.050		0.0	45		0.055			0.338		0	.0661
SEP	19,83	SEP	18,	83	0.	29		0.1	1	0	.035		0.0	35		0.020			0.236			.0380
SEP	21,83	SEP	20,	83	0.	21	D	0.1	1	0	.030		0.0	25		0.035			0.114		0	.0324
SEP	22,83	SEP	21,	83	0.	18		0.0	5	0	.030		0.0	15		0.040		<w< td=""><td>0.002</td><td></td><td>0</td><td>.0066</td></w<>	0.002		0	.0066
SEP	23,83	SEP	22,	83	***	**		0.4	4	**	****		***	**		****		3	****	G	0	.0005
SEP	24,83	SEP	23,	83	0.	19		0.0	7	0	.030	<t< td=""><td>0.0</td><td>10</td><td>060</td><td>0.045</td><td></td><td><w< td=""><td>0.002</td><td></td><td>0</td><td>.0229</td></w<></td></t<>	0.0	10	060	0.045		<w< td=""><td>0.002</td><td></td><td>0</td><td>.0229</td></w<>	0.002		0	.0229
SEP	26,83	SEP	25,	83	0.	60		0.1	9	0	.095		0.0	50		0.035			0.276		0	.0794
	28,83	SEP	27,	83	***	**		****	×	**	***		***	**		*****		3	****		*	****
OCT	4,83	OCT	3,	83	0.	96		0.1	4	0	.195		0.0	50		0.030			0.560		0	.0162
OCT	5,83	OCT	4,	83	0.	45		0.2	0	0	. 055		0.0	60		0.030			0.960		0	.0741
OCT	6,83	OCT	5,		0.	11		0.0	7	0	.010		0.0	15		0.020			0.088		0	.0295
OCT		OCT				19		0.0	2	0	.025		0.0	55		0.065			0.094	G	0	.0036
OCT		OCT				61		0.1	6	0	.100		0.0	55	<1	0.010			0.304		0	.0437
OCT		OCT				26		0.2	6	0	.035		0.0	50		0.070			0.176		0	.0417
	12,83	OCT	100 100		****			0.5			****		****	**		*****			0.142		0	.0195
	13,83	OCT				07	<w< td=""><td>0.0</td><td></td><td>0</td><td>.020</td><td><t< td=""><td>0.0</td><td>10</td><td></td><td>0.065</td><td></td><td></td><td>0.080</td><td></td><td>0</td><td>.0076</td></t<></td></w<>	0.0		0	.020	<t< td=""><td>0.0</td><td>10</td><td></td><td>0.065</td><td></td><td></td><td>0.080</td><td></td><td>0</td><td>.0076</td></t<>	0.0	10		0.065			0.080		0	.0076
	14,83	OCT				11	<w< td=""><td>0.0</td><td></td><td></td><td>.020</td><td></td><td>0.0</td><td></td><td>D</td><td>0.025</td><td></td><td></td><td>0.100</td><td></td><td>0</td><td>.0166</td></w<>	0.0			.020		0.0		D	0.025			0.100		0	.0166
	15,83	OCT				34	<w< td=""><td>0.0</td><td></td><td></td><td>.065</td><td></td><td>0.0</td><td></td><td>ι</td><td>0.025</td><td></td><td></td><td>0.302</td><td>U</td><td>0</td><td>.0050</td></w<>	0.0			.065		0.0		ι	0.025			0.302	U	0	.0050
	23,83	OCT				17		0.0		0	.030		0.0	20		0.125			0.102		0	.0363
	24,83	OCT				11		0.0			.020	<t< td=""><td>0.0</td><td></td><td></td><td>0.045</td><td></td><td></td><td>0.128</td><td></td><td>0</td><td>.0417</td></t<>	0.0			0.045			0.128		0	.0417
	26,83	OCT	- 50000		***			0.2			XXXX	7.20	***			*****			0.342		0	.0646
	27,83	OCT				14		0.1			. 025	<t< td=""><td></td><td></td><td></td><td>0.040</td><td></td><td><w< td=""><td>0.002</td><td>G</td><td></td><td>.0048</td></w<></td></t<>				0.040		<w< td=""><td>0.002</td><td>G</td><td></td><td>.0048</td></w<>	0.002	G		.0048
	29,83	OCT				26		0.2			.200		0.1			0.145			0.840			.0000
-NOV		NOV	1,			29		0.2			.035		0.0			0.120			0.840			.1072
VON	3,83	NOV	2,			27		0.2			.035		0.0			0.130			1.140			.1096
VOV	4,83	VON	3,		***			****			****		***			*****		4	*****			****
NOV		NOV	4,			08		0.0			.010		0.1			0.090			0.002	G		.0030
	11,83	NOA				15		0.2			.020		0.0			0.060		3.0	0.510			.0724
	12,83	NOA				11		0.0			.010	<t< td=""><td></td><td></td><td></td><td>0.035</td><td>- 2</td><td><w< td=""><td>0.002</td><td>C</td><td></td><td>.0019</td></w<></td></t<>				0.035	- 2	<w< td=""><td>0.002</td><td>C</td><td></td><td>.0019</td></w<>	0.002	C		.0019
			33.20			11		0.0			.015	~1	0.0			0.065		-71	0.092			.0269
HUY	16,83	NOA	15,	0.5	0.	11		0.1		U	.015		0.0	123		0.003			0.072		J	. 02.07

STATION NAME: RAVEN LAKE/DAILY/AEROCHEM #05 PAGE: 10

REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END	PRECIP START/END	SAMPLE TYPE	GAUGE DEPTH(MM)	GAUGE TYPE	SAMPLE NUMBER	PROJECT CODE	SUBPROJECT CODE	SAMPLER EFFICI-		OFFICE
		HR. HR.	HR. HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
				02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(Z)		
			03-	-COMP/04-0	THER							
NOV 17,83	NOV 16,83	830 830	1300 1800	2	5.9	2	28958	. 2	1	66		М
NOV 19,83	NOV 18,83	830 830	2000 2400	2	2.1	2	28959	2	1	80		
NOV 21,83	NOV 20,83	830 830	1615 2200	1	8.5	2	28960	2	1	103		J
NOV 22,83	NOV 21,83	830 830	930 1015	1	0.5	2	28961	2	1	156		N
NOV 24,83	NOV 23,83	830 830	1700 1900	1	3.3	2	28962	2	1	108		2
NOV 29,83	NOV 28,83	830 830	2000 2100	1	7.3	2	28963	2	1	104		
NOV 30,83	NOV 29,83	830 830	1545 1900	2	3.3	2	28964	2	1	60		
DEC 1,83	NOV 30,83	830 830	830 1000	2	2.3	2	28965	2	1	23		N
DEC 2,83	DEC 1,83	830 830	2000 2200	2	0.9	2	28966	2	1	50	Α	
DEC 3,83	DEC 2,83	830 830	1200 1600	2	1.5	2	28967	2	1	31		N
DEC 5,83	DEC 4,83	830 830	830 1115	3	3.9	2	28968	2	1	65		
DEC 6,83	DEC 5,83	830 830	200 830	3	9.1	2	28969	2	1	92		J
DEC 7,83	DEC 6,83	830 830	830 1900	2	24.5	2	28970	2	1	52		М
DEC 9,83	DEC 8,83	830 830	1730 1830	2	0.7	2	28971	2	1	78		
DEC 10,83	DEC 9,83	830 830	1430 1600	2	0.9	2	28972	2	1	19		N
DEC 12,83	DEC 11,83	830 830	400 600	1	6.1	2	28973	2	1	37		N
DEC 13,83	DEC 12,83	830 830	900 1400	1	5.3	2	28974	2	1	90		
DEC 15,83	DEC 14,83	830 830	2000 2200	1	1.7	2	28975	2	1	83		
DEC 16,83	DEC 15,83	830 830	730 830	2	0.8	2	28976	2	1	25		N
DEC 18,83	DEC 17,83	830 830	1300 1500	2	1.2	2	28977	2	1	54		
DEC 22,83	DEC 21,83	900 900	**** ****	1	19.8	2	28978	2	1	51		
DEC 23,83	DEC 22,83	900 900	计技术件 计计计计	2	3.8	2	28979	2	1	81	BC	J
DEC 28,83	DEC 27,83	900 900	林林林林 林林林林	1	5.0	2	28980	2	1	55		C
DEC 29,83	DEC 28,83	900 900	**** ****	2	13.0	2	28981	2	1	65		HM

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STATION NAME : RAVEN LAKE/DAILY/AEROCHEM				#05				PAGE : 11				
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH		РН	TOTAL H+	SULPHATE		TRATE		
DATE	DATE			FIELD LAB			TO PH8.3					
		ML	UMHO/CM				MG/L	MG/L		MG/L		
NOV 17,83	NOV 16,83	253.0	16.0	4.16		4.58	0.0482	1.10		0.28		
NOV 19,83	NOV 18,83	108.0	36.0	****	(8)	4.27	0.0744	2.80		0.95		
NOV 21,83	NOV 20,83	563.0	26.3	3.86		4.32	0.0658	2.05		0.53		
NOV 22,83	NOV 21,83	50.0	41.8	****		4.61	0.0500	5.25	D	1.59		
NOV 24,83	NOV 23,83	230.0	66.0	3.49		3.89	0.1506	4.80		1.56		
NOV 29,83	NOV 28,83	487.0	26.7	3.89		4.28	0.0790	2.05		0.55		
NOV 30,83	NOV 29,83	129.0	29.6	*****		4.28	0.0654	1.80		0.80		
DEC 1,83	NOV 30,83	34.0	*****	*****	U	7.38	0.0122	1.80		0.20		
DEC 2,83	DEC 1,83	29.0	*****	*****	U	6.84	0.0156	1.25		0.12		
DEC 3,83	DEC 2,83	30.0	*****	*****		4.79	0.0402	1.65		1.21		
DEC 5,83	DEC 4,83	164.0	6.6	*****	G	5.19	0.0252	0.40		0.16		
DEC 6,83	DEC 5,83	539.0	14.5	3.99		4.64	0.0518	1.10		0.43		
DEC 7,83	DEC 6,83	830.0	8.2	4.41		4.91	0.0336	0.70		0.13		
DEC 9,83	DEC 8,83	35.0	*****	*****		4.16	0.0938	1.55	A	2.15		
DEC 10,83	DEC 9,83	11.0	*****	*****	3	*****	*****	*****	**	****		
DEC 12,83	DEC 11,83	148.0	15.0	*****		4.72	0.0378	1.20		0.24		
DEC 13,83	DEC 12,83	308.0	19.5	4.05		4.46	0.0520	2.00		0.21		
DEC 15,83	DEC 14,83	91.0	*****	****		3.87	0.1600	4.45		1.55		
DEC 16,83	DEC 15,83	13.0	*****	*****		4.27	0.0858	*****	**	****		
DEC 18,83	DEC 17,83	42.0	*****	*****		5.00	0.0292	0.65		0.40		
DEC 22,83	DEC 21,83	660.0	12.0	4.35		4.68	0.0380	0.60		0.30		
DEC 23,83	DEC 22,83	198.0	U 66.0	U 6.55	U	7.49	D 0.0210	3.70		0.37		
DEC 28,83	DEC 27,83	179.0	21.8	4.03		4.18	0.0846	0.50		0.94		
DEC 29,83		544.0	3.8	4.66	G	5.16	0.0252	0.20		0.14		

STATI	ION NAME : RA	VEN LAKE/DAILY	/AEROCHEM	#05			PAGE : 12			
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+		
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L		
NOV 17,83	NOV 16,83	0.10	0.07	0.015	<t 0.015<="" td=""><td>0.025</td><td><w 0.002<="" td=""><td>0.0263</td></w></td></t>	0.025	<w 0.002<="" td=""><td>0.0263</td></w>	0.0263		
NOV 19,83	NOV 18,83	0.53	0.38	0.045	0.050	0.145	0.364	0.0537		
NOV 21,83	NOV 20,83	0.16	0.23	0.025	0.025	0.100	0.238	0.0479		
NOV 22,83	NOV 21,83	*****	0.50	*****	*****	*****	****	0.0245		
NOV 24,83	NOV 23,83	0.69	0.44	0.050	0.065	0.155	0.310	0.1288		
NOV 29,83	NOV 28,83	0.13	0.11	0.020	0.020	0.050	0.156	0.0525		
NOV 30,83	NOV 29,83	0.24	0.21	D 0.035	0.030	0.060	0.258	0.0525		
DEC 1,83	NOV 30,83	*****	0.54	*****	****	*****	****	U 0.0000		
DEC 2,83	DEC 1,83	****	0.59	*****	****	*****	****	U 0.0001		
DEC 3,83	DEC 2,83	*****	B 1.17	*****	****	*****	****	0.0162		
DEC 5,83	DEC 4,83	0.14	0.13	0.025	0.020	0.050	0.020	G 0.0065		
DEC 6,83	DEC 5,83	0.17	0.16	0.015	0.040	0.050	0.192	0.0229		
DEC 7,83	DEC 6,83	0.08	0.07	0.010	<t 0.010<="" td=""><td>0.030</td><td>0.010</td><td>0.0123</td></t>	0.030	0.010	0.0123		
DEC 9,83	DEC 8,83	*****	B 2.00	*****	*****	*****	*****	0.0692		
DEC 10,83	DEC 9,83	*****	*****	*****	*****	*****	****	*****		
DEC 12,83	DEC 11,83	0.23	0.27	0.030	0.040	0.200	*****	0.0191		
DEC 13,83		0.21	0.13	0.020	0.030	0.075	0.064	0.0347		
DEC 15,83		0.49	0.62	0.075	0.055	0.250	*****	0.1349		
DEC 16,83	DEC 15,83	*****	*****	*****	*****	*****	****	0.0537		
DEC 18,83	DEC 17,83	*****	0.60	*****	*****	****	****	0.0100		
DEC 22,83		0.06	0.07	0.010	<w 0.005<="" td=""><td>0.030</td><td>0.066</td><td>0.0209</td></w>	0.030	0.066	0.0209		
DEC 23,83		*****	U 0.72	****	*****	****	****	U 0.0000		
DEC 28,83		0.29	0.52	0.035	0.020	0.130	<t 0.002<="" td=""><td>0.0661</td></t>	0.0661		
DEC 29,83		D 0.32	0.06	0.010	<w 0.005<="" td=""><td>0.030</td><td>0.010</td><td>G 0.0069</td></w>	0.030	0.010	G 0.0069		

PART V

SOUTHEASTERN REGION

DAILY PRECIPITATION CHEMISTRY LISTINGS

STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM #11

PAGE: 1

								LINOCITEIT	***				1.70				
	MOVAL DATE		POSURE DATE	STAR	PLING F/END HR.			SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM) THER	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES		AMPLER FFICI- ENCY (%)		ENTS OFFICE
JAN	6,83	JAN	5,83	900	900	1800	400	3	0.8	2	23362	2	1		31		N
JAN	7,83	JAN	6,83	900	1100	200	1100	3	3.3	2	23363	2	1		13		N
JAN	8,83	JAN	7,83	1100	1100	1100	2000	3	0.4	2	23364	2	1		148		N
	11,83		10,83	900		930	920	1	26.0	2	23365	2	1		95		
JAN	12,83	JAN	11,83	920	745	2400	600	2	2.7	2	23366	2	1		52		
	13,83		12,83	745	910	930	1300	2	0.9	-2	23367	2	1		****	EF	
	24,83		23,83	800	900	1000	900	3	10.0	2	23368	2	1		70		
JAN	25,83	JAN	24,83	900	1015	900	1015	3	0.1	2	23369	2	1	U	218	P	N
JAN	31,83	JAN	30,83	900	900	1000	800	3	4.9	2	23370	2	1		55		
	3,83	FEB	2,83	900	1000	900	600	1	43.3	2	23371	2	1		101		
FEB		FEB	4,83		1000	1100		3	5.3	2	23372	2	1		40		N
FEB		FEB	7,83	900	900	1000	400	2	11.1	2	23373	2	1		49		N
FEB	23,83	FEB	22,83	800	900	1800	700	3	16.8	2	23374	2	1		105		5.0
MAR	7,83	MAR	6,83	900	935	2300	600	1	3.0	2	23375	2	1		98		
MAR	9,83	MAR		900	915	1900	2100	1	4.3	2	23376	2	1		27		N
	10,83	MAR		915	1000	2300	600	3	6.7	2	23377	2	1		60		
MAR	15,83	MAR	14,83	1330	900	30	100	1	0.5	2	23378	2	1		3	E	N
MAR	19,83	MAR	18,83	900	915	2000	800	1	15.4	2	23379	2	1		90	-	J
	20,83		19,83	915	945	1300	1500	1	3.7	2	23380	2	1		61		-
	21,83		20,83	945	945	****		1	0.6	2	23381	2	1		****	EF	
	22,83		21,83	945	815	1000	1600	3	19.5	2	23382	2	1		53		
MAR	23,83	MAR	22,83	815	830		1000	2	0.3	2	23383	2	1		***	EF	
MAR	28,83		27,83	900	930	1200		2	19.3	2	23384	2	1		37	57/14	N
MAR	29,83	MAR	28,83	930	915	1600	2100	3	0.3	2	23385	2	1		41	E	N
	3,83		2,83	900	900	2400	700	3	9.0	2	23386	2	1		97	-	JC
APR		APR			1000	1100	900	1	2.3	2	23387	2	1		2	E	N
APR	8,83	APR	7,83	900	745		2200	1	4.6	2	23388	2	1		99	_	
	10,83		9,83	900	1000	2100	1000	1	11.3	2	23389	2	1		81		JC
	11,83	APR	10,83	1000	755	1000		1	6.8	2	23390	2	1		75		C
	15,83		14,83	900	755	2300	755	1	7.7	2	23391	2	1		89		_
	16,83	APR	15,83	755	945	755	945	3	18.3	2	23392	2	1		77		
APR	20,83	APR	19,83	745	800	1300	2100	2	8.9	2	23393	2	1		48		N
	21,83	APR	20,83	800	750	1100	750	2	10.1	2	23394	2	1		69		нсм
APR	22,83	APR	21,83	750	755	900	1400	2	0.5	2	23395	2	1	U	499	P	NH
APR	25,83	APR	24,83	750	615	1200	615	3	5.9	2	23396	2	1		72		
APR	26,83	APR	25,83	615	815	900	1200	3	11.3	2	23397	2	1		69		JHCM
APR	29,83	APR	28,83	***	745	****	***	1	2.3	2	23398	2	1		111		
MAY	1,83	APR	30,83	900	1000	1800	2400	1	11.3	2	23399	2	1		93		
MAY	2,83	MAY	1,83	1000	1200	2400	1000	1	11.3	2	23400	2	1		94		С
YAM_	3,83	MAY	2,83	1200	745	1730	2130	1	6.8	2	23401	2	1		105		С

STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM	#11	PAGE : 2

O I A I	2011	MILLO TOTT EMILE	PHARIT HEMOORIEM	***				
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
JAN 6,83	3 JAN 5,83	16.0	*****	****	4.46	0.0828	****	****
JAN 7,83	3 JAN 6,83	28.0	*****	****	3.78	0.1996	*****	*****
JAN 8,83		38.0	*****	*****	4.50	0.0650	4.00	0.78
JAN 11,83	3 JAN 10,83	1598.0	10.6	4.76	4.66	0.0432	0.70	0.14
JAN 12,83	3 JAN 11,83	90.0	*****	*****	4.54	0.0434	0.90	0.36
JAN 13,83	3 JAN 12,83	*****	****	*****	*****	*****	*****	*****
JAN 24,83	3 JAN 23,83	449.0	16.5	4.47	4.50	0.0568	1.05	0.30
JAN 25,83	3 JAN 24,83	14.0	*****	*****	4.35	0.0704	*****	****
JAN 31,83	3 JAN 30,83	174.0	*****	4.06	4.03	0.1196	3.50	0.80
FEB 3,83	5 FEB 2,83	2826.0	14.0	4.54	4.46	0.0548	1.10	0.18
FEB 5,83	5 FEB 4,83	138.0	*****	*****	4.29	0.0752	1.60	0.42
FEB 8,83	5 FEB 7,83	350.0	7.8	4.85	4.75	0.0466	0.35	0.14
FEB 23,83	5 FEB 22,83	1138.0	53.0	3.90	3.90	0.1396	3.95	0.98
MAR 7,83	MAR 6,83	190.0	29.0	4.21	4.19	0.0774	2.35	0.37
MAR 9,83	MAR 8,83	76.0	****	*****	4.61	0.0390	0.75	0.13
MAR 10,83	MAR 9,83	258.0	10.5	4.85	4.74	0.0338	0.70	0.11
MAR 15,83	MAR 14,83	1.0	*****	*****	****	*****	*****	*****
MAR 19,83	MAR 18,83	889.0	3.2	G 5.26	G 5.94	0.0186	0.25	0.08
MAR 20,83	MAR 19,83	146.0	5.6	*****	G 5.94	0.0220	0.60	0.12
MAR 21,83	MAR 20,83	*****	*****	*****	****	****	*****	*****
MAR 22,83	MAR 21,83	665.0	14.8	4.52	4.64	0.0434	1.45	0.10
MAR 23,83		*****	*****	*****	****	*****	*****	****
MAR 28,83	3 MAR 27,83	462.0	12.6	4.44	4.69	0.0394	1.00	0.15
MAR 29,83	MAR 28,83	8.0	****	*****	****	*****	*****	*****
APR 3,83	3 APR 2,83	562.0	6.9	4.60	5.22	0.0254	0.45	0.15
APR 4,83	3 APR 3,83	4.0	****	*****	****	****	*****	*****
APR 8,83	5	292.0	*****	3.93	4.02	0.1208	3.30	0.88
APR 10,83	[H	587.0	5.4	4.92	G 5.53	0.0180	0.35	0.04
APR 11,83		331.0	6.9	4.79	5.16	0.0228	0.45	0.11
APR 15,83		444.0	39.1	4.06	4.19	0.0884	3.30	0.60
APR 16,83		912.0	26.9	4.18	4.31	0.0682	1.25	0.58
APR 20,83		276.0	*****	5.09	5.21	0.0252	0.50	0.15
_APR 21,83		451.0	11.3	4.77	5.12	0.0280	1.20	0.04
APR 22,83		160.0	****	*****	G 5.51	0.0242	1.00	0.14
APR 25,83		275.0	15.1	4.62	4.67	0.0464	1.55	0.14
APR 26,83	H	500.0	2.8	G 5.15	G 5.78	D 0.1114	0.30	0.03
APR 29,83	프 (), [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	165.0	U 105.5	*****	U 3.85	U 0.2020	U 13.50	U 1.94
MAY 1,83	The second secon	676.0	42.4	4.26	4.18	0.0944	3.50	0.39
MAY 2,83		681.0	33.2	4.38	4.45	0.0624	2.90	0.30
MAY 3,83	3 MAY 2,83	460.0	20.8	4.54	4.67	0.0422	1.90	0.23

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STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM #11

MAY 1,83 APR 30,83

MAY 2,83 MAY 1,83

MAY 3,83 MAY 2,83

REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM MUINOMMA FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L ***** **** ***** ***** ***** ***** 0.0347 JAN 6,83 JAN 5,83 ***** ***** **** 0.1660 JAN 7,83 JAN 6,83 ***** **** ***** ***** ***** ***** ***** ***** ***** 0.0316 JAN 8,83 JAN 7,83 JAN 11,83 JAN 10,83 0.02 0.08 0.005 0.005 0.030 0.028 0.0219 <T 0.010 0.040 ***** 0.0288 JAN 12,83 JAN 11,83 <T 0.01 0.08 0.005 <T JAN 13,83 JAN 12,83 ***** **** ***** ***** ***** **** **** 0.020 0.08 0.005 <W 0.005 0.112 0.0316 JAN 24,83 JAN 23,83 0.03 ***** JAN 25,83 JAN 24,83 ***** ***** ***** ***** 0.0447 ***** 0.13 0.025 0.110 0.030 0.600 0.0933 JAN 31,83 JAN 30,83 0.09 <T 0.005 0.005 0.025 0.072 0.0347 0.09 FEB 3,83 FEB 2,83 0.02 FEB 5,83 FEB 4,83 0.04 0.09 <W 0.005 0.010 0.020 0.228 0.0513 0.06 0.08 0.015 <T 0.005 0.020 0.008 0.0178 FEB 8,83 FEB 7,83 FEB 23,83 FEB 22,83 0.06 0.17 0.015 0.020 0.035 0.730 0.1259 0.020 0.150 0.234 0.0646 MAR 7,83 MAR 6,83 0.13 0.24 0.035 MAR 9,83 MAR 8,83 0.08 0.09 0.010 <T 0.005 0.050 **** 0.0245 <T 0.005 0.068 0.07 0.015 0.035 0.0182 MAR 10,83 MAR 9,83 0.09 **** **** ***** ***** **** MAR 15,83 MAR 14,83 ***** ***** <T 0.005 0.045 0.132 G 0.0011 MAR 19,83 MAR 18,83 0.04 0.07 0.010 0.030 0.160 0.216 G 0.0011 0.26 0.030 MAR 20,83 MAR 19,83 0.10 MAR 21,83 MAR 20,83 ***** ***** ***** ***** ***** ***** ***** 0.025 0.015 0.010 0.090 0.0229 MAR 22,83 MAR 21,83 0.13 0.01 MAR 23,83 MAR 22,83 ***** **** ***** ***** ***** ***** ***** MAR 28,83 MAR 27,83 0.06 0.10 <W 0.005 0.010 0.015 0.066 0.0204 ***** ***** ***** ***** ***** MAR 29,83 MAR 28,83 ***** ***** 0.02 0.025 0.015 0.020 0.078 0.0060 APR 3,83 APR 2,83 0.12 ***** ***** ***** ***** ***** ***** ***** APR 4,83 APR 3,83 0.09 0.020 0.030 0.040 0.204 0.0955 APR 8,83 APR 7,83 0.15 0.020 0.030 0.032 G 0.0030 0.04 0.02 0.010 APR 10,83 APR 9,83 APR 11,83 APR 10,83 0.05 0.03 0.010 0.030 0.030 0.038 0.0069 0.31 0.040 0.040 0.170 0.246 0.0646 APR 15,83 APR 14,83 0.28 APR 16,83 APR 15,83 0.06 0.06 0.010 0.030 D 0.040 0.088 0.0490 APR 20,83 APR 19,83 0.20 0.18 0.055 0.015 0.080 0.030 0.0062 0.035 0.020 0.066 0.0076 APR 21,83 APR 20,83 0.04 0.03 0.020 APR 22,83 APR 21,83 0.03 0.020 <W 0.005 0.290 G 0.0031 0.05 0.015 0.02 0.030 0.005 0.146 0.0214 APR 25,83 APR 24,83 0.04 0.015 <W 0.01 0.015 <W 0.005 0.018 G 0.0017 APR 26,83 APR 25,83 0.04 <T 0.015 APR 29,83 APR 28,83 2.05 0.47 U 0.305 U 0.130 U 0.165 U 2.400 U 0.1413

0.025

0.030

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0.045

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0.490

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0.05

0.13

0.11

0.35

-96

STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM #11

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STAT	ION NAME . C	HARLESTON L	AKE/DAILY/A	REKUCHEM	#11				PAG	E · 4		
REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END HR. HR.	PRECIP START/END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		MENTS OFFICE
MAY 4,83	MAY 3,83	745 745	2300 500	1	6.6	1	23402	2	1	88		
MAY 5,83		745 745	745 900	1	2.4	1	23403	2	1	10		N
MAY 8,83	MAY 7,83	900 1000	500 1000	1	12.7	1	23404	2	1	56		
MAY 9,83	MAY 8,83	1000 1000	1000 2100	1	6.8	1	23405	2	1	84		
MAY 15,83	MAY 14,83	900 900	300 600	1	6.2	1	23406	2	1	89		
MAY 20,83	MAY 19,83	900 800	1700 300	1	12.5	1	23407	2	1	78		
MAY 23,83	MAY 22,83	900 900	1700 500	1	4.8	1	23408	2	1	60		
MAY 30,83		800 800	200 800	1	7.6	1	23410	2	1	78		J
MAY 31,83		800 800	800 930	1	3.8	1	23411	2	1	57		
JUN 4,83		800 900	300 900	1	2.5	1	23412	2	1	21		N
JUN 7,83		900 830	930 1830	1	4.2	1	23413	2	1	54		
JUN 26,83		900 800	1800 500	1	7.0	1	23409	2	1	86		
JUL 3,83		800 1000	945 1030	1	10.7	1	23418	2	1	103		
JUL 5,83		800 745	2145 2230	1	1.4	1	23419	2	1	45	-	N
JUL 9,83		800 1100	1900 2230	1	1.0	1	23420	2	1	6	E E	N
JUL 22,83		800 800	1800 2000	1	0.4	1	23421	2	1	19	E	N
JUL 30,83		800 740 800 1000	830 1200 1100 400	1	6.5 27.8	1	23422 23423	2	1	84 95		м
AUG 1,83 AUG 7,83		800 1000	2000 2200	1	1.2	1	23426	2	1	7	E	N
AUG 9,83		800 800	1800 2230	1	2.0	1	23427	2	1	48	-	N
AUG 12,83		800 1000	1200 2100	1	3.4	. 1	23428	2	1	47		NM
AUG 18,83		800 900	100 600	1	2.8	1	23429	2	1	92		1401
AUG 20,83		800 900	1730 2230	1	1.0	î	23430	2	i	20	E	N
AUG 22,83		900 900	100 900	î	5.8	î	23431	2	î	121	-	N
AUG 28,83		800 715	1600 2130	î	23.6	1	23432	2	î	90		
AUG 31,83		800 730	1830 2400	î	12.2	î	23435	2	ī	87		
SEP 7,83		800 745	1445 1515	1	0.7	1	23437	2	1	***	EF	
SEP 10,83		800 830	2200 400	1	1.7	1	23438	2	1	42		N
SEP 11,83	SEP 10,83	830 900	1930 2300	1	1.6	1	23439	2	1	128		N
SEP 17,83	SEP 16,83	800 930	1900 900	1	5.6	1	23440	2	1	67		
SEP 18,83	SEP 17,83	930 930	1500 1700	1	1.2	1	23441	2	1	41		N
SEP 19,83	SEP 18,83	930 755	1200 600	1	1.8	1	23442	2	1	94		
SEP 22,83	SEP 21,83	800 900	1230 1800	1	23.8	1	23443	2	1	101		J
SEP 23,83	SEP 22,83	900 900	1800 2000	1	5.0	1	23444	2	1	91		MHC
SEP 24,83	SEP 23,83	900 900	1400 1900	1	3.5	1	23445	2	1	72		HM
OCT 4,83		800 800	2400 500	1	2.1	1	23446	2	1	10		И
OCT 5,83		800 800	2400 800	1	19.3	1	23447	2	1	90		
OCT 6,83		800 745	600 500	1	34.4	1	23450	2	1	96		
OCT 9,83	선생님, 뭐	800 1000	1200 1800	1	9.6	1	23451	2	1	71		
OCT 12,83	OCT 11,83	800 745	2400 530	1	1.0	1	23452	2	1	104		

STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM #11

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JIAI	LOIT HALL . C	MARCEOTON EARLY	DATE!/ AEROONE!!					
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
	5/11/55	ML	UMHO/CM	*		MG/L	MG/L	MG/L
MAY 4,83	MAY 3,83	376.0	42.1	4.11	4.13	0.1046	3.80	0.58
MAY 5,83	MAY 4,83	16.0	*****	*****	B 5.46	0.0254	*****	*****
11AY 8,83		458.0	*****	4.28	4.33	0.0750	*****	*****
11AY 9,83		368.0	****	4.45	4.58	****	*****	****
HAY 15,83		355.0	21.5	4.48	4.46	0.0606	1.90	0.21
MAY 20,83	MAY 19,83	632.0	20.9	4.49	4.47	D 0.0576	1.90	0.30
MAY 23,83		187.0	*****	4.80	*****	0.0200	D 0.70	0.12
MAY 30,83	MAY 29,83	383.0	35.1	U 6.42	4.23	0.0930	3.65	0.41
MAY 31,83	MAY 30,83	140.0	****	*****	4.29	0.0836	3.00	0.43
JUN 4,83	JUN 3,83	35.0	*****	*****	5.04	****	1.20	0.25
JUN 7,83	JUN 6,83	147.0	*****	*****	4.05	0.1296	5.30	0.51
JUN 26,83	JUN 25,83	386.0	32.0	4.23	4.25	0.0832	2.40	0.52
JUL 3,83	JUL 2,83	708.0	36.3	4.15	4.31	0.0832	4.05	0.77
JUL 5,83	JUL 4,83	41.0	****	预 预预预预	3.93	0.1552	6.85	0.67
JUL 9,83	JUL 8,83	4.0	*****	*****	*****	*****	*****	****
JUL 22,83	JUL 21,83	5.0	*****	****	*****	****	****	****
JUL 30,83	JUL 29,83	350.0	61.5	3.93	4.13	0.1384	6.75	D 0.84
AUG 1,83	JUL 31,83	1706.0	40.4	4.11	4.27	0.1004	3.80	0.39
AUG 7,83	AUG 6,83	6.0	经济技术技术	****	*****	*****	****	****
AUG 9,83	AUG 8,83	62.0	******	*****	G 5.94	0.0332	D 6.00	1.37
AUG 12,83	AUG 11,83	103.0	24.5	*****	4.47	0.0676	2.60	0.18
AUG 18,83		166.0	86.0	****	3.80	0.2040	7.45	0.92
AUG 20,83	AUG 19,83	13.0	*****	*****	*****	*****	*****	****
AUG 22,83	AUG 21,83	452.0	30.6	4.11	4.32	*****	3.10	0.25
AUG 28,83	AUG 27,83	1363.0	21.0	4.29	4.57	0.0578	2.50	0.22
AUG 31,83	AUG 30,83	688.0	15.5	4.48	4.79	0.0416	1.45	0.38
SEP 7,83	SEP 6,83	****	******	*****	*****	*****	****	*****
SEP 10,83	SEP 9,83	46.0	*****	*****	*****	*****	6.50	1.08
SEP 11,83	SEP 10,83	132.0	38.0	*****	4.30	0.0824	4.35	0.75
SEP 17,83	SEP 16,83	243.0	49.4	3.88	****	*****	3.50	0.78
SEP 18,83	SEP 17,83	32.0	*****	*****	*****	*****	6.50	1.17
SEP 19,83	SEP 18,83	109.0	45.8	******	*****	*****	5.00	0.70
SEP 22,83	SEP 21,83	1550.0	14.5	3.78	4.55	0.0468	1.90	D 0.16
SEP 23,83	SEP 22,83	293.0	5.0	U 5.38	U 7.12	0.0150	0.75	0.22
SEP 24,83	SEP 23,83	163.0	2.5	******	U 7.16	0.0144	0.15	0.09
OCT 4,83	OCT 3,83	14.0	*****	******	*****	*****	米米米米米	*****
OCT 5,83		1123.0	D 30.0	并 关并关并	D 4.26	D 0.0768	3.55	0.49
OCT 6,83	OCT 5,83	2133.0	15.6	4.18	4.54	0.0492	1.70	0.17
OCT 9,83		443.0	10.2	4.38	4.76	0.0386	1.05	0.14
OCT 12,83	OCT 11,83	67.0	科技关关技	米米米米米	4.76	0.0364	1.20	0.10

0.0174

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : CHARLESTO	LAKE/DAILY/AEROCHEM	#11
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G 1.44

COCT 12,83 OCT 11,83

STAT	ION NAME : CH	ARLESTON LAKE/	DAILY/AEROCHEM	#11			PAGE : 6	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
DATE	DAIL	MG/L	MG/L	MG/L	MG/L	MG/L	NG/L	MG/L
MAY 4,83	MAY 3,83	0.16	0.12	0.030	0.075	0.090	0.520	0.0741
MAY 5,83	MAY 4,83	*****	*****	*****	*****	*****	* 并并并并并	B 0.0035
MAY 8,83	MAY 7,83	*****	****	*****	*****	*****	*****	0.0468
11AY 9,83	MAY 8,83	*****	*****	*****	*****	米米米米米	****	0.0263
MAY 15,83	MAY 14,83	0.11	0.07	0.020	0.035	0.015	0.210	0.0347
MAY 20,83	MAY 19,83	0.20	0.12	0.035	0.040	0.050	0.350	0.0339
HAY 23,83	MAY 22,83	0.10	0.05	0.020	0.050	0.015	0.360	长长长长长
MAY 30,83	MAY 29,83	0.07	0.09	0.020	0.030	0.030	0.480	0.0589
MAY 31,83	MAY 30,83	0.28	0.11	0.060	0.080	0.090	0.280	0.0513
JUN 4,83	JUN 3,83	*****	0.09	被状类损长操	*****	*****	*****	0.0091
JUN 7,83	JUN 6,83	0.24	0.10	0.045	0.025	0.020	0.460	0.0891
JUN 26,83	JUN 25,83	0.07	0.05	0.020	0.010	0.020	0.240	0.0562
JUL 3,83	JUL 2,83	0.32	0.13	0.055	0.040	0.045	0.830	0.0490
JUL 5,83	JUL 4,83	*****	0.37	*****	*****	*****	*****	0.1175
JUL 9,83	JUL 8,83	*****	*****	****	*****	*****	*****	*****
JUL 22,83		****	*****	****	****	*****	******	*****
JUL 30,83	JUL 29,83	0.47	0.18	0.050	0.055	0.065	0.910	0.0741
AUG 1,83	JUL 31,83	0.10	0.09	0.010	0.015	<t 0.010<="" td=""><td>0.274</td><td>0.0537</td></t>	0.274	0.0537
AUG 7,83	AUG 6,83	*****	*****	****	****	****	*****	*****
AUG 9,83		****	0.32	****	*****	并长托托托托	D 0.800	G 0.0011
AUG 12,83		0.17	0.07	0.020	0.025	<t 0.010<="" td=""><td>0.072</td><td>0.0339</td></t>	0.072	0.0339
AUG 18,83	AUG 17,83	0.24	0.13	0.040	<t 0.010<="" td=""><td>0.020</td><td>0.266</td><td>0.1585</td></t>	0.020	0.266	0.1585
AUG 20,83	AUG 19,83	*****	****	*****	*****	*****	*****	*****
AUG 22,83	AUG 21,83	0.14	0.03	0.050	0.030	0.030	0.254	0.0479
AUG 28,83	AUG 27,83	0.11	0.03	0.010	0.040	0.030	0.450	0.0269
AUG 31,83	AUG 30,83	0.36	0.06	0.040	0.035	<t 0.010<="" td=""><td>0.310</td><td>0.0162</td></t>	0.310	0.0162
SEP 7,83	SEP 6,83	*****	*****	****	*****	*****	*****	*****
SEP 10,83	SEP 9,83	****	0.31	*****	*****	*****	0.530	*****
SEP 11,83	SEP 10,83	0.81	0.19	0.160	0.070	0.135	0.500	0.0501
SEP 17,83		0.16	0.33	0.045	0.020	0.200	0.326	*****
SEP 18,83		*****	0.21	****	米米米米米	经计算技术	米米米米米	张兴兴兴兴
SEP 19,83	SEP 18,83	0.72	0.16	0.105	0.080	0.045	0.550	****
SEP 22,83		0.18	0.13	D 0.020	0.030	0.105	0.098	0.0282
SEP 23,83	SEP 22,83	0.42	0.03	0.025	0.020	<w 0.005<="" td=""><td>0.234</td><td>U 0.0001</td></w>	0.234	U 0.0001
SEP 24,83	SEP 23,83	0.26	<w 0.01<="" td=""><td>0.025</td><td><t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.114</td><td>U 0.0001</td></w></td></t></td></w>	0.025	<t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.114</td><td>U 0.0001</td></w></td></t>	<w 0.005<="" td=""><td>0.114</td><td>U 0.0001</td></w>	0.114	U 0.0001
OCT 4,83		*****	*****	******	****	******	美长兴兴兴	******
OCT 5,83		0.32	0.08	0.045	D 0.040	<w 0.005<="" td=""><td>0.470</td><td>D 0.0550</td></w>	0.470	D 0.0550
OCT 6,83		0.04	0.02	<w 0.005<="" td=""><td><t 0.005<="" td=""><td><w 0.005<="" td=""><td>0.210</td><td>0.0288</td></w></td></t></td></w>	<t 0.005<="" td=""><td><w 0.005<="" td=""><td>0.210</td><td>0.0288</td></w></td></t>	<w 0.005<="" td=""><td>0.210</td><td>0.0288</td></w>	0.210	0.0288
OCT 9,83	OCT 8,83	0.05	<w 0.01<="" td=""><td><w 0.005<="" td=""><td><t 0.015<="" td=""><td><w 0.005<="" td=""><td>0.144</td><td>0.0174</td></w></td></t></td></w></td></w>	<w 0.005<="" td=""><td><t 0.015<="" td=""><td><w 0.005<="" td=""><td>0.144</td><td>0.0174</td></w></td></t></td></w>	<t 0.015<="" td=""><td><w 0.005<="" td=""><td>0.144</td><td>0.0174</td></w></td></t>	<w 0.005<="" td=""><td>0.144</td><td>0.0174</td></w>	0.144	0.0174

STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM #11

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REMOVAL DATE	EXPOSURE DATE	START	PLING F/END HR.	START	CIP /END HR.	SAMPLE TYPE 01-RAIN	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD.	SAMPLE NUMBER	PROJECT CODE 02-APIOS	SUBPROJECT CODE 01-MOE	SAMPLER EFFICI- ENCY		ENTS OFFICE
		· .				02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
					03-	COMP/04-0	THER							
		100	2.22			-	12755 127	2						
OCT 13,83	OCT 12,83	745		1430	600	1	12.1	1	23453	2	1	87		C
OCT 14,83	OCT 13,83		1000	2100	300	1	10.0	1	23454	2	1	92		J
OCT 24,83	OCT 23,83	800	745		2030	1	17.0	1	23455	2	1	96		C
OCT 26,83	OCT 25,83	800	800	100	800	1	2.6	1	23456	2	1	66		
OCT 27,83	OCT 26,83	800	755	800	755	1	2.4	1	23457	2	1	38		N
NOV 3,83	NOV 2,83	800	820	1200	820	1	15.6	1	23458	2	1	85		
NOV 4,83	NOV 3,83	820	830	820	1000	3	***	1	23459	2	1	***		
NOV 5,83	NOV 4,83	830	1000	830	2130	3	15.2	1	23460	2	1	91		JHM
NOV 7,83	NOV 6,83	1000	800	****	***	1	0.2	1	23461	2	1	***	EF	
NOV 10,83	NOV 9,83	800	1000	****	***	1	0.6	1	23462	2	1	***	E	
NOV 11,83	NOV 10,83	1000	800	1900	800	1	14.0	1	23463	2	1	72		C
NOV 12,83	NOV 11,83	800	845	1600	200	3	6.4	1	23464	2	1	***	E	
NOV 13,83	NOV 12,83	845	815	****	***	2	***	*	23465	2	1	***		
NOV 16,83	NOV 15,83	900	910	1000	910	3	28.6	1	23467	. 2	1	97		
NOV 17,83	NOV 16,83	910	830	910	830	3	6.1	1	23470	2	1	U 28	F	
NOV 21,83	NOV 20,83	900	830	****	****	1	19.6	1	23471	2	1	100		
NOV 29,83	NOV 28,83	900	815	1000	400	1	12.6	2	23472	2	1	88		J
DEC 3,83	DEC 2,83	830	930	1530	400	2	1.4	2	23474	2	1	****	EF	
DEC 5,83	DEC 4,83	900	900	930	2100	2	11.0	2	23475	2	1	52		С
DEC 6,83	DEC 5,83	900	830	2100	830	3	5.0	2	23476	2	1	37		N
DEC 7,83	DEC 6,83	830	930	830	900	3	17.6	2	23477	2	1	41		N
DEC 10,83	DEC 9,83	900	840	930	1830	2	6.8	2	23478	2	1	63		
DEC 12,83	DEC 11,83	900	925	200	2100	1	29.9	1	23479	2	1	99		
DEC 15,83	DEC 13,83		1030	****		1	21.0	2	23480	2	1	93		HCMY2
DEC 16,83	DEC 15,83	1030	1050	1100	600	2	1.5	2	23481	2	1	88		22-11/2
DEC 22,83	DEC 21,83		1030		1030	3	21.9	2	23482	2	1	82		М
DEC 23,83	DEC 22,83	1030	930	1030		3	10.5	2	23483	2	1	103		(FEE)
DEC 27,83	DEC 26,83	900	930	1530	930	2	2.1	2	23484	2	1	5	E	N
DEC 28,83	DEC 27,83	930	945	930	945	2	1.9	2	23485	2	1	3	E	N
DEC 29,83	DEC 28,83	945	930	945	300	2	14.0	2	23486	2	1	82	C	

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STATION NAME	: CHARLESTON	LAKE/DATLY/AFROCHEM	#11

S	TATION NAME : CI	HARLESTON LAKE/	DAILY/AEROCHEM	#11 ,			PAGE: 8	
REMOV	AL EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DAT	E DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
OCT 13	,83 OCT 12,83	677.0	4.8	4.79	G 5.34	0.0218	0.15	0.05
OCT 14	,83 OCT 13,83	596.0	7.5	4.40	4.95	0.0300	0.50	0.11
OCT 24	,83 OCT 23,83	1055.0	8.0	4.74	5.00	0.0286	0.55	0.11
OCT 26	,83 OCT 25,83	111.0	22.8	*****	4.47	0.0564	1.75	0.50
OCT 27	,83 OCT 26,83	59.0	*****	****	4.79	0.0418	1.55	0.15
NOV 3	,83 NOV 2,83	852.0	30.6	3.81	4.22	0.0920	3.05	0.60
NOV 4	,83 NOV 3,83	250.0	17.1	4.10	4.55	0.0522	1.90	0.21
NOV 5	,83 NOV 4,83	893.0	6.4	4.55	5.30	0.0244	0.45	0.90
NOV 7	,83 NOV 6,83	*****	*****	*****	*****	*****	*****	*****
NOV 10	,83 NOV 9,83	*****	*****	*****	*****	*****	*****	*****
NOV 11	,83 NOV 10,83	654.0	D 6.9	4.60	5.06	0.0244	0.60	0.05
NOV 12	,83 NOV 11,83	****	*****	****	*****	*****	*****	*****
NOV 13	,83 NOV 12,83	428.0	9.8	4.52	4.83	0.0316	1.00	0.06
NOV 16	,83 NOV 15,83	1795.0	6.9	4.70	5.04	0.0240	0.45	0.10
NOV 17	,83 NOV 16,83	113.0	16.6	*****	4.86	U 0.0346	2.05	0.39
NOV 21	,83 NOV 20,83	1266.0	14.5	4.39	4.58	0.0428	1.15	0.25
NOV 29	,83 NOV 28,83	715.0	15.0	3.85	4.51	0.0460	1.25	0.25
DEC 3	,83 DEC 2,83	*****	****	*****	*****	*****	*****	****
DEC 5	,83 DEC 4,83	368.0	6.0	*****	5.27	0.0242	0.50	0.09
DEC 6	,83 DEC 5,83	120.0	60.7	*****	3.90	0.1490	4.05	1.16
DEC 7	,83 DEC 6,83	469.0	47.4	*****	4.02	0.1198	4.15	0.87
DEC 10	,83 DEC 9,83	278.0	40.7	****	4.06	0.1148	1.95	1.15
DEC 12	,83 DEC 11,83	1911.0	9.0	*****	4.88	0.0280	0.65	0.08
DEC 15	,83 DEC 13,83	1259.0	1.6	*****	4.71	0.0334	<w 0.05<="" td=""><td><w 0.01<="" td=""></w></td></w>	<w 0.01<="" td=""></w>
DEC 16	,83 DEC 15,83	85.0	*****	*****	3.94	0.1406	1.75	1.65
DEC 22	,83 DEC 21,83	1152.0	7.2	*****	4.92	0.0258	0.55	0.08
DEC 23	,83 DEC 22,83	697.0	11.3	*****	4.76	0.0320	1.35	0.14
DEC 27	,83 DEC 26,83	7.0	*****	*****	*****	*****	*****	****
DEC 28	,83 DEC 27,83	4.0	*****	*****	*****	*****	*****	*****
DEC 29	,83 DEC 28,83	737.0	8.6	*****	5.12	0.0244	0.60	D 0.30

STATION NAME : CHARLESTON LAKE/DAILY/AEROCHEM #11

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REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
55,00,0-55		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
OCT 13,83	OCT 12,83	0.04	0.14	0.005	<t 0.005<="" td=""><td>0.105</td><td>0.016</td><td>G 0.0046</td></t>	0.105	0.016	G 0.0046
OCT 14,83	OCT 13,83	D 0.10	<w 0.01<="" td=""><td><t 0.005<="" td=""><td>0.035</td><td><t 0.005<="" td=""><td>D 0.048</td><td>0.0112</td></t></td></t></td></w>	<t 0.005<="" td=""><td>0.035</td><td><t 0.005<="" td=""><td>D 0.048</td><td>0.0112</td></t></td></t>	0.035	<t 0.005<="" td=""><td>D 0.048</td><td>0.0112</td></t>	D 0.048	0.0112
OCT 24,83	OCT 23,83	0.05	<t 0.01<="" td=""><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.035</td><td>0.074</td><td>0.0100</td></t></td></w></td></t>	<w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.035</td><td>0.074</td><td>0.0100</td></t></td></w>	<t 0.010<="" td=""><td>0.035</td><td>0.074</td><td>0.0100</td></t>	0.035	0.074	0.0100
OCT 26,83	OCT 25,83	0.39	0.29	0.075	0.020	0.175	0.102	0.0339
OCT 27,83	OCT 26,83	*****	*****	*****	*****	*****	*****	0.0162
NOV 3,83	NOV 2,83	0.18	<t 0.02<="" td=""><td>0.040</td><td>0.025</td><td>0.055</td><td>0.400</td><td>0.0603</td></t>	0.040	0.025	0.055	0.400	0.0603
NOV 4,83	NOV 3,83	0.16	<w 0.01<="" td=""><td>0.015</td><td><t 0.015<="" td=""><td>0.030</td><td>0.122</td><td>0.0282</td></t></td></w>	0.015	<t 0.015<="" td=""><td>0.030</td><td>0.122</td><td>0.0282</td></t>	0.030	0.122	0.0282
NOV 5,83	NOV 4,83	0.16	<w 0.01<="" td=""><td>0.040</td><td><t 0.005<="" td=""><td>0.035</td><td>0.032</td><td>0.0050</td></t></td></w>	0.040	<t 0.005<="" td=""><td>0.035</td><td>0.032</td><td>0.0050</td></t>	0.035	0.032	0.0050
NOV 7,83	NOV 6,83	米米米米米	*****	****	*****	*****	*****	*****
NOV 10,83	NOV 9,83	*****	*****	****	****	****	*****	*****
NOV 11,83	NOV 10,83	0.08	0.07	0.010	<t 0.010<="" td=""><td>0.025</td><td>0.014</td><td>0.0087</td></t>	0.025	0.014	0.0087
NOV 12,83	NOV 11,83	*****	*****	*****	*****	*****	*****	*****
NOV 13,83	NOV 12,83	0.12	0.10	0.010	0.035	0.055	0.026	0.0148
NOV 16,83	NOV 15,83	0.06	0.06	0.005	<w 0.005<="" td=""><td>0.020</td><td>0.046</td><td>0.0091</td></w>	0.020	0.046	0.0091
NOV 17,83	NOV 16,83	0.13	0.15	0.015	0.025	0.065	0.590	0.0138
NOV 21,83	NOV 20,83	D 0.03	0.09	D 0.005	0.020	0.030	0.150	0.0263
NOV 29,83	NOV 28,83	0.06	0.04	0.005	<t 0.015<="" td=""><td>0.025</td><td>0.070</td><td>0.0309</td></t>	0.025	0.070	0.0309
DEC 3,83	DEC 2,83	*****	*****	****	*****	*****	*****	*****
DEC 5,83	DEC 4,83	0.10	0.05	0.010	<t 0.005<="" td=""><td>0.060</td><td>0.038</td><td>0.0054</td></t>	0.060	0.038	0.0054
DEC 6,83	DEC 5,83	0.12	0.12	0.010	<t 0.015<="" td=""><td>0.045</td><td>0.324</td><td>0.1259</td></t>	0.045	0.324	0.1259
DEC 7,83	DEC 6,83	0.09	0.11	0.005	<t 0.010<="" td=""><td>0.025</td><td>0.290</td><td>0.0955</td></t>	0.025	0.290	0.0955
DEC 10,83	DEC 9,83	0.07	0.28	0.010	<t 0.010<="" td=""><td>0.050</td><td>0.450</td><td>0.0871</td></t>	0.050	0.450	0.0871
DEC 12,83	DEC 11,83	0.05	0.11	0.005	<w 0.005<="" td=""><td>0.045</td><td>0.008</td><td>0.0132</td></w>	0.045	0.008	0.0132
DEC 15,83	DEC 13,83	<w 0.01<="" td=""><td><w 0.01<="" td=""><td>0.005</td><td><t 0.005<="" td=""><td>0.020</td><td>0.036</td><td>0.0195</td></t></td></w></td></w>	<w 0.01<="" td=""><td>0.005</td><td><t 0.005<="" td=""><td>0.020</td><td>0.036</td><td>0.0195</td></t></td></w>	0.005	<t 0.005<="" td=""><td>0.020</td><td>0.036</td><td>0.0195</td></t>	0.020	0.036	0.0195
DEC 16,83	DEC 15,83	米米米米米	0.25	****	*****	*****	*****	0.1148
DEC 22,83	DEC 21,83	<t 0.01<="" td=""><td>0.03</td><td><t 0.005<="" td=""><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.014</td><td>0.0120</td></t></td></w></td></t></td></t>	0.03	<t 0.005<="" td=""><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.014</td><td>0.0120</td></t></td></w></td></t>	<w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.014</td><td>0.0120</td></t></td></w>	<t 0.010<="" td=""><td>0.014</td><td>0.0120</td></t>	0.014	0.0120
DEC 23,83	DEC 22,83	0.07	0.05	0.030	<w 0.005<="" td=""><td>0.175</td><td>0.026</td><td>0.0174</td></w>	0.175	0.026	0.0174
DEC 27,83	DEC 26,83	*****	*****	****	*****	*****	****	*****
DEC 28,83	DEC 27,83	*****	*****	****	****	****	****	****
DEC 29,83	DEC 28,83	0.31	0.06	0.030	0.030	0.050	0.068	0.0076

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PAGE: 1

STATION NAME : RAILTON/DAILY/AEROCHEM #10

	SIAIL	011 117	ALIE - IV	MILION	DAIL	17 ALKO	CHLH		W10				T AC	, , , ,		
	MOVAL DATE		POSURE DATE	SAMP START HR.	/END	START	HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM) THER	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	COMM FIELD	
								_		_			14			
	7,83		6,83	800	800	2100		3	4.1	2	23919	2	1	21		N
	8,83		7,83	800	800		2100	1	***	2	23921	2	1	****		
	11,83		10,83	800	800	1000	800	1	34.1	2	23923	2	1	20	ee.	N
	12,83		11,83	800	800	800 1900	800 630	3	1.8	2	23925 23927	2	1	****	EF EF	
	15,83		14,83	800 800	800 800	1200	800	2	7.0	2	23929	2	1	****	EF	
	24,83		25,83	800	800		1900	3	1.3	2	23932	. 2	1	****	FE	
	31,83		30,83	800	800	1730		3	5.7	2	23934	2	1	****	EF	
FEB	3,83	FEB		800	800	830	200	1	42.5	2	23935	2	1	****	EF	
FEB	7,83	FEB		800	800	2000	600	2	9.3	2	23937	2	î	***	EF	
MAR		MAR		800	800	1630		1	0.2	2	23939	2	î	U 234	P	N
MAR		MAR		800	800			2	1.1	2	23941	2	î	****	EF.	
MAR		MAR		800	800	1600		1	2.5	2	23943	2	î	16		N
MAR		MAR	17.7	800	800	****		ī	****	2	23945	2	1	****	G	
MAR		MAR		800	800	1430		ī	4.7	2	23948	2	1	92		C
			9,83	800	800	200	530	1	2.3	2	23950	2	1	118		
	11,83		10,83	800	800	1800		3	2.2	2	23952	2	1	24		N
	20,83			800	800	****	***	1	16.6	2	23954	2	1	110		JY2
	22,83			800	800	***	****	2	14.4	2	23956	2	1	****	EF	
MAR	28,83	MAR	27,83	800	800	****	****	2	30.3	2	23958	2	1	****	EF	
APR	3,83	APR	2,83	800	800	100	630	2	9.7	2	23959	2	1	U 73	J	Н
APR	4,83		3,83	800	800	800	800	1	2.3	2	23961	2	1	100		
APR	8,83	APR	7,83	800	800	830	1500	1	6.3	2	23963	2	1	104		
APR	10,83	APR	9,83	800	800	2000	800	1 .	****	2	23965	2	1	****		CM
APR	11,83	APR	10,83	800	800	800	2400	1	4.4	2	23967	2	1	96		
APR	15,83	APR	14,83	800	800	200	800	1	7.7	2	23969	2	1	109		
APR	16,83	APR	15,83	800	800	2000	430	1	7.7	2	23971	2	1	54		
	20,83		19,83	800	800	****		2	3.8	2	23974	2	1	***	EF	
	21,83		20,83	800	800	1500		2	9.4	2	23975	2	1	65		
	25,83			800	800	1330		1	1.2	2	23977	2	1	171		N
	26,83		25,83	800	800		2300	3	9.9	2	23979	2	1	71	-	
	29,83		28,83	800	800	1930		1	0.3	2	23981	2	1	U 265	P	N
			30,83	800	800	1230		1	13.1	2	23983	2	1	116		
MAY			1,83	800	800			1	18.6	2	23985	2	1	106		
MAY	3,83	MAY		800	800	1800		1	8.6	2	23987	2	1	101	A	
MAY		MAY		800	800	1900		1	7.8	2	23989	2	1	103		
MAY	5,83	MAY		800	800		1100	1	1.5	2	23991	2	1	106		V2
MAY			7,83	800	800	****		1	22.1	2	23994	2	1	105		Y2
	15,83		14,83	800	800	100	300	1	5.6	1	23996	. 2	1	106 95		
- HAY	20,83	PIAY	17,85	800	800	1600	200	1	17.4	1	23997	2	1	95		

	STATI	ON N	AME :	RAILTON/DAILY/AERO	CHEM	#10			PAGE : 2	
	MOVAL DATE		POSURE DATE	VOLUME	CONDUCT	. PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
* 05	DATE		JAIL	ML	UMHO/CI		LAD	MG/L	MG/L	MG/L
JAN	7,83	JAN	6,83	56.0	*****	*****	3.69	0.2500	9.95	2.10
JAN	8,83	JAN	7,83	200.0	52.0	4.10	4.10	0.1286	4.65	1.04
JAN	11,83		10,83	450.0	11.9	4.66	4.59	0.0472	0.75	0.16
JAN	12,83	JAN	11,83	*****	*****	*****	****	*****	*****	*****
	15,83		14,83	*****	****	****	*****	*****	*****	*****
JAN	24,83	JAN	23,83	****	****	****	*****	*****	*****	*****
	26,83	JAN	25,83	*****	*****	****	****	****	*****	*****
JAN	31,83	JAN	30,83	*****	*****	****	****	*****	*****	****
FEB	3,83	FEB	2,83	*****	*****	*****	*****	*****	*****	*****
FEB	7,83	FEB	6,83	****	****	****	*****	*****	*****	*****
MAR	3,83	MAR	2,83	30.0	****	****	4.47	0.0576	3.60	0.36
MAR	4,83	MAR	3,83	*****	****	****	****	*****	*****	****
MAR	5,83	MAR	4,83	27.0	*****	****	4.47	0.0698	3.85	0.83
MAR	7,83	MAR	6,83	57.0	*****	****	3.99	0.1256	6.40	0.60
MAR	9,83	MAR	8,83	280.0	21.0	4.40	4.62	0.0534	1.35	0.39
MAR	10,83	MAR	9,83	175.0	43.2	4.01	4.06	*****	2.80	0.72
MAR	11,83	MAR	10,83	35.0	*****	******	*****	*****	2.70	0.42
MAR	20,83	MAR	18,83	1173.0	10.2	4.45	4.97	0.0326	0.90	0.22
MAR	22,83	MAR	21,83	*****	****	****	*****	*****	*****	*****
MAR	28,83	MAR	27,83	****	****	*****	*****	*****	****	*****
APR	3,83	APR		457.0	13.6	4.41	4.89	0.0334	1.30	0.31
APR	4,83	APR	3,83	148.0	31.5	****	*****	*****	5.15	1.14
APR	8,83	APR	7,83	422.0	G 105.0	3.59	3.69	0.2420	8.70	1.57
APR	10,83	APR	9,83	1371.0	8.8	4.70	5.20	0.0208	0.55	0.09
APR	11,83	APR	10,83	273.0	20.5	4.26	4.61	0.0444	D 2.25	0.29
APR	15,83	APR	14,83	542.0	*****	3.87	4.09	0.1066	4.75	0.82
APR	16,83	APR	15,83	271.0	50.0	3.90	4.02	0.2340	3.25	1.01
APR	20,83	APR	19,83	****	****	******	****	*****	****	****
APR	21,83	APR	20,83	394.0	11.5	4.83	4.76	0.0330	1.25	0.05
APR	25,83	APR	24,83	132.0	张	****	4.43	0.0652	5.60	D 0.65
APR	26,83	APR	25,83	453.0	3.8	G 5.22	5.30	0.0246	0.30	0.04
APR	29,83	APR	28,83	51.0	*****	*****	3.65	G 0.3380	G 23.50	3.70
MAY	1,83	APR	30,83	975.0	39.4	4.21	4.16	0.1148	3.95	0.41
-MAY	2,83	MAY	1,83	1272.0	32.3	4.38	4.33	0.0748	3.40	0.37
MAY	3,83	MAY	2,83	562.0	24.0	4.49	4.45	0.0576	2.55	0.32
MAY	4,83	MAY	3,83	516.0	32.6	4.43	D 4.30	0.0776	3.25	0.44
MAY	5,83	MAY	4,83	102.0	*****	****	4.42	0.0662	3.75	0.65
MAY	9,83	MAY	7,83	1491.0	37.6	4.42	4.24	0.0872	4.00	0.61
MAY	15,83	MAY	14,83	382.0	37.7	4.30	4.20	0.0944	3.65	0.37
MAY	20,83	MAY	19,83	1066.0	27.9	4.46	4.36	0.0722	2.50	0.34

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	STATI	ON NA	AME : I	RAILTO	ON/DAILY	/AEROC	CHEM		#10								PAGE	: 3			
	MOVAL DATE		POSURE		CALCIUM	ı	С	HLORIDE		MAGNESI	М		POTASSIM		SODIUM	Œ		MONIUM AS N	М	FREE	
					MG/L			MG/L		MG/L			MG/L		MG/L			1G/L		MG	
JAN	7,83	JAN	6,83		*****			0.54		*****			*****		*****		**	***		0.204	42
JAN	8,83	JAN	7,83		0.12			0.27		0.050			0.050		0.075		1	.000		0.07	94
JAN	11,83	JAN	10,83	< T	0.02			0.12		0.005	<	T	0.010		0.070		0	.054		0.02	57
JAN	12,83	JAN	11,83		*****		*	****		****			****		****		**	***		****	××
JAN	15,83	JAN	14,83		*****		*	****		*****			****		****		长兴:	***		***	**
JAN	24,83	JAN	23,83		*****		×	****		****			****		*****		**	***		****	**
JAN	26,83	JAN	25,83		****		*	****		*****			****		*****		**	***		****	××
JAN	31,83	JAN	30,83		****		×	****		****			****		*****		**	***		****	**
FEB	3,83	FEB	2,83		*****		×	****		****			****		*****		**	***		****	**
FEB	7,83	FEB	6,83		*****		×	****		****			****		*****		**	***		****	××
MAR	3,83	MAR	2,83		*****			0.35		*****			*****		*****		**	***		0.033	39
MAR	4,83	MAR	3,83		*****		*	****		*****			****		*****		**	***		****	**
MAR	5,83	MAR	4,83		****			0.86		****			****		*****		**	***		0.033	39
MAR	7,83	MAR	6,83		*****			0.32		*****			****		*****		**	***		0.10	23
MAR	9,83	MAR			0.11			0.08		0.020			0.020		0.040		0	.202		0.024	40
MAR	10,83	MAR	9,83		0.06			0.09		0.010	<	T	0.005		0.025		0	.250		0.08	71
MAR	11,83	MAR	10,83		*****		*	****		****			****		*****		**	***		****	**
MAR	20,83	MAR	18,83		0.07			0.14		0.015			0.015		0.085		0	.196		0.01	07
	22,83		21,83		*****		×	****		****			****		*****		**	***		****	**
	28,83		27,83		****		*	****		****			****		*****		**	***		****	**
APR		APR			0.17			0.07		0.020			0.010		0.030		0	.248		0.01	29
APR		APR			0.40			0.34		0.060			0.055		0.140			.670		****	
APR			7,83		0.26			0.21		0.020			0.040		0.030			.880		0.204	
	10,83	APR			0.06			0.05		0.010			0.030		0.020			.054		0.00	
	11,83		10,83		0.09			0.09		0.010		D	0.040		0.050			.366		0.024	
	15,83		14,83		0.58			0.52		0.090		-	0.050		0.290			.430		0.08	
	16,83		15,83		0.33			0.21		0.030			0.030		0.020			.232		0.09	
	20,83		19,83		*****		×	****		*****			*****		*****			***		****	
	21,83		20,83		0.09			0.04		0.020			0.020		0.020			.076		0.01	
	25,83		24,83		1.33		D	0.20	B	0.120			0.060		0.070		D O			0.03	
	26,83		25,83		0.05		<t< td=""><td>0.01</td><td></td><td>0.015</td><td></td><td></td><td>0.015</td><td><1</td><td>W 0.005</td><td></td><td></td><td>.042</td><td></td><td>0.00</td><td></td></t<>	0.01		0.015			0.015	<1	W 0.005			.042		0.00	
	29,83		28,83		*****		- 1	0.94		*****			*****		*****			***		0.22	
MAY			30,83		0.17			0.12		0.025			0.045		0.040			.352		0.06	
-MAY	2,83	MAY	1,83		0.14		D	0.07		0.030			0.045		0.100			.560		0.04	
MAY	3,83	MAY	2,83		0.36		U	0.05		0.060			0.040		0.055			.268		0.03	
MAY	4,83	MAY	3,83		0.33			0.05		0.030			0.045		0.055			.440	n	0.05	
MAY	5,83	MAY	4,83		0.51			0.10		0.030			0.045		0.035			.880	U	0.03	
MAY	9,83		7,83		0.65			0.16		0.065			0.055		0.050			.550		0.05	
	15,83		14,83		0.05			0.10		0.020			0.030		0.030			.350		0.063	
	20,83		19,83		0.15			0.15		0.025					0.050			.340		0.043	
TIAT	20,03	TAT	17,03		0.15			0.15		0.025			0.025		0.060		U	. 540		0.04	3/

_DEC 7,83 DEC 6,83 800 800 800 200

	STATI	ON NA	ME : R	AILTON	/DAIL	Y/AERO	OCHEM		#10				PAG	E : 4		
RE	MOVAL	EXP	OSURE	SAMP	LING	PRE	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
1	DATE	D.	ATE	START	/END	START	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
				HR.	HR.	HR.	HR.	01-RAIN		01-STD.		02-APIOS	01-M0E	ENCY		
								02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
							03-	COMP/04-0	THER							
MAY	23,83	MAY	22,83	800	800	1500	2300	1	7.3	1	23999	2	1	99		
MAY	26,83		25,83	800	800	****		1	5.0	1	91001	2	1	129		N
	30,83		29,83	800	800		745	1	7.0	1	91003	2	1	103		
	31,83		30,83	800	800	1900		1	2.5	1	91005	2	1	87		
	7,83		6,83	800	800	1000		1	4.6	1	91007	2	1	68		
	27,83		26,83	800	800	2300	300	1	18.0	1	91010	2	1	104		
	22,83		21,83	800	800	1300		1	11.8	1	91012	2	1	98	С	
	29,83		28,83	800	800	1800		1	1.4	1	91014	2	1	3	E	N
	30,83		29,83	800	800	100	300	1	9.0	1	91016	2	1	97		
AUG			31,83	800	800		1100	1	27.6	1	91018	2	1	99		
AUG			6,83	800	800	2100		1	9.0	1	91020	2	1	97	_	Н
	12,83		11,83	800	800	2000		1	2.4	1	91022	2	1	6	E	N
	18,83		17,83	800	800	300	430	1	4.7	1	91024	2	1	96		HCM
	23,83		22,83	800	800		1200	1	17.8	1	91026	2	1	92	-	
	30,83		29,83	800	800	****		1	0.2	1	91027	2	1	****	E	
	10,83		9,83	800	800	200	400	1	1.1	1	91029	2	1	99		
	17,83		16,83	800	800 800	1400 ****		1	15.5	1	91030	2	1	80	0	7
	19,83		17,83	800				1	8.4	1	9,1031	2		91	Q	Z
	22,83		21,83	800	800 800	1030	700	1 1	31.0 1.2	1	91033 91037	2	1	99 1	E	N
	26,83		3,83	800	800	100		1	0.8	1	91037	2	î	17	L	N
OCT			4,83	800	800		1600	1	18.6	1	91041	2	1	98		14
	6,83		5,83	800	800	1100		1	21.3	1	91041	2	î	98		М
OCT			8,83	800	800		1600	1	8.0	1	91045	2	1	60		13
	13,83		12,83	800	800		2100	î	17.7	î	91047	2	î	93		JHCM
	14,83		13,83	800	800	2100	100	î	16.4	î	91051	2	î	97		SHOT
	15,83		14,83	800	800	1030		î	3.0	1	91053	2	î	65		
	24,83		23,83	800	800		2100	î	19.8	î	91055	2	î	98		
	26,83		25,83	800	800	200	400	1	1.9	ı	91057	2	1	4		N
	27,83		26,83	800	800	1700		1	1.1	1	91059	2	1	1	E	N
NOA			2,83	800	800	1900	800	1	19.6	1	91061	2	1	88	377	JHM
-NOV			4,83	800	800	****		3	12.6	1	91066	2	1	57		Y2
	16,83		15,83	800	800	1400	800	3 .	***	1	91068	2	1	****		
	17,83		16,83	800	800	800	2200	2	***	1	91072	2	1	***		
NOA	21,83	VON	20,83	800	800	1930	100	1	16.0	1	91074	2	1	100		J
NOA	24,83	NOV	23,83	800	800	1900	2300	1	0.8	2	91076	2	1	97		
VON	28,83	NOV	27,83	800	800	1900	200	3 -	11.2	2	91078	2	1	94		J
DEC		DEC	4,83	800	800	900	2100	2	15.6	2	91080	2	1	32		NCM
DEC		DEC	5,83	800	800	1000	800	1	11.6	2	91082	2	1	U 12	FI	NM
DEC	7,83	DEC	6,83	800	800	800	200	3	14.2	2	91084	2	1	70		

14.2 2

91084

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25	STATI	ON NAME	: RAILTON/DA	ILY/AEROCHEM	#10			PAGE : 5	
	MOVAL	EXPOSU		UME CONDU		PH	TOTAL I		
	DATE	DATE			FIELD	LAB	TO PH8	. 3	AS N
			М	L UMHO	/CM		MG/L	MG/L	MG/L
MAY	23,83	MAY 22		.0 23.	2 4.54	4.53	0.1250	2.55	0.30
MAY	26,83	MAY 25,				4.05	0.1282	4.10	0.99
MAY	30,83	MAY 29,	83 463	.0 36.	8 4.25	4.23	0.0880	4.35	0.45
MAY	31,83	MAY 30,	83 141	.0 35.	3 *****	4.33	0.0790	3.60	0.73
JUN	7,83	JUN 6,	83 201	.0 50.	5 4.11	4.07	0.1216	5.40	0.43
	27,83	JUN 26,	83 1210	.0 65.	5 3.97	3.98	0.1522	7.30	0.89
JUL	22,83	JUL 21,	83 743	.0 13.	9 G 6.33	G 6.78	0.0220	1.80	0.38
JUL	29,83	JUL 28,	83 3	.0 ****	* *****	*****	****	*****	*****
JUL	30,83	JUL 29,	83 563	.0 16.	3 4.55	4.77	0.0454	1.75	0.26
AUG	1,83	JUL 31,	83 1763	.0 35.	5 4.20	4.33	0.0892	3.70	0.30
AUG	7,83	AUG 6,	83 560	.0 12.	0 4.73	4.89	0.0364	1.10	0.12
AUG	12,83	AUG 11,	83 10	.0 ****	*****	*****	*****	*****	*****
AUG	18,83	AUG 17,	83 290	.0 G 235.	0 3.35	3.54	G 0.5480	G 23.30	2.40
AUG	23,83	AUG 22,	83 1051	.0 23.	5 4.27	4.42	0.0648	2.40	0.13
AUG	30,83	AUG 29,	83 ****	****	* ****	*****	*****	*****	*****
SEP	10,83	SEP 9,	83 70	.0 ****	* ****	*****	****	1.10	0.48
SEP	17,83	SEP 16,	83 799	.0 56.	8 3.89	4.06	0.0964	4.15	0.96
SEP	19,83	SEP 17,	83 492	.0 ****	* *****	*****	****	*****	*****
SEP	22,83	SEP 21,	83 1971	.0 23.	3 4.25	4.48	0.0370	2.35	0.20
SEP	26,83	SEP 25,	83 1	.0 ****	*****	*****	****	*****	*****
OCT	4,83	OCT 3,	83 9	.0 ****	* *****	****	****	*****	****
OCT	5,83	OCT 4,	83 1174	.0 39.	5 4.03	4.14	0.1050	4.45	0.62
OCT	6,83	OCT 5,	83 1345	.0 10.	7 4.56	4.78	0.0374	1.00	0.10
OCT	9,83	OCT 8,	83 310	.0 24.	6 4.29	4.38	0.0624	2.90	0.39
OCT	13,83	OCT 12,	83 1063	.0 3.	0 G 5.33	G 6.90	0.0140	0.10	0.06
OCT	14,83	OCT 13,	83 1023	.0 7.	0 4.72	4.84	0.0312	0.80	0.17
OCT	15,83	OCT 14,	83 126	.0 12.	5 *****	5.00	0.0308	1.65	0.23
OCT	24,83	OCT 23,	83 1254	.0 9.	5 4.70	4.85	0.0318	0.90	0.13
OCT	26,83	OCT 25,	83 5	.0 ****	* *****	*****	*****	*****	*****
OCT	27,83	OCT 26,	83 1	.0 ****	* *****	*****	*****	*****	*****
NOA	3,83	NOV 2,		.0 20.	8 4.11	4.69	0.0530	3.10	0.51
NOV	6,83	NOV 4,	83 463	.0 10.	8 4.47	4.73	0.0352	0.80	0.12
NOA	16,83	NOV 15,	83 2619	.0 7.	5 4.72	5.00	0.0242	0.45	0.10
-NOA	17,83	NOV 16,	83 174	.0 11.	9 *****	4.66	0.0380	0.60	0.26
NOV	21,83	NOV 20,					0.0540	1.70	0.39
NOA	24,83	NOV 23,	83 50				0.0766	*****	****
NOA	28,83	NOV 27,					0.0584	1.80	0.41
DEC	5,83	DEC 4,					0.0202	0.20	0.10
DEC	6,83		83 93				0.1148	4.45	0.93
DEC	7,83	DEC 6,	83 646	.0 45.	2 *****		0.1152	3.55	0.76

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

0.11

0.11

DEC 7,83 DEC 6,83

STAT	ION NAME : RA	AILTON/DAILY/AER	ОСНЕМ	#10			PAGE: 6	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
DATE	DAIL	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
MAY 23,83	MAY 22,83	0.20	0.10	0.030	0.040	0.035	0.330	0.0295
MAY 26,83	MAY 25,83	0.47	0.16	0.080	0.040	0.020	0.460	0.0891
MAY 30,83	MAY 29,83	0.19	0.15	0.035	0.035	0.060	0.720	0.0589
MAY 31,83		0.79	0.21	0.120	0.075	0.060	0.420	0.0468
JUN 7,83	JUN 6,83	0.20	0.12	0.035	0.030	0.060	0.520	0.0851
JUN 27,83	JUN 26,83	0.51	0.18	0.100	0.075	0.045	0.970	0.1047
JUL 22,83	JUL 21,83	0.87	0.10	0.090	0.125	0.025	0.740	G 0.0002
JUL 29,83	JUL 28,83	****	*****	*****	*****	*****	*****	*****
JUL 30,83	JUL 29,83	0.24	0.04	0.025	0.015	<t 0.005<="" td=""><td>0.278</td><td>0.0170</td></t>	0.278	0.0170
AUG 1,83	JUL 31,83	0.11	0.07	0.010	<t 0.010<="" td=""><td>0.015</td><td>0.490</td><td>0.0468</td></t>	0.015	0.490	0.0468
AUG 7,83	AUG 6,83	0.18	0.05	0.020	0.095	0.140	0.148	0.0129
AUG 12,83	AUG 11,83	*****	并 技技技技	*****	*****	*****	*****	****
AUG 18,83	AUG 17,83	1.09	0.52	0.145	0.065	0.055	1.330	0.2884
AUG 23,83	AUG 22,83	0.12	0.04	0.030	0.115	0.105	0.188	0.0380
AUG 30,83	AUG 29,83	*****	*****	*****	*****	*****	*****	*****
SEP 10,83	SEP 9,83	1.73	0.48	G 0.205	0.125	0.290	0.296	****
SEP 17,83	SEP 16,83	0.29	0.43	0.060	0.030	0.270	0.540	0.0871
SEP 19,83	SEP 17,83	*****	*****	*****	被按按按按	****	*****	****
SEP 22,83	SEP 21,83	0.19	0.08	0.010	0.020	0.075	0.236	0.0331
SEP 26,83	SEP 25,83	*****	*****	*****	****	*****	****	*****
OCT 4,83	OCT 3,83	*****	*****	*****	*****	*****	*****	*****
OCT 5,83	OCT 4,83	0.31	0.14	0.045	0.050	<w 0.005<="" td=""><td>0.610</td><td>0.0724</td></w>	0.610	0.0724
OCT 6,83	OCT 5,83	0.03	0.02	<w 0.005<="" td=""><td><t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.060</td><td>0.0166</td></w></td></t></td></w>	<t 0.010<="" td=""><td><w 0.005<="" td=""><td>0.060</td><td>0.0166</td></w></td></t>	<w 0.005<="" td=""><td>0.060</td><td>0.0166</td></w>	0.060	0.0166
OCT 9,83	OCT 8,83	0.35	0.10	0.020	0.040	<w 0.005<="" td=""><td>0.380</td><td>0.0417</td></w>	0.380	0.0417
OCT 13,83	OCT 12,83	0.03	0.11	<t 0.005<="" td=""><td><t 0.015<="" td=""><td><w 0.005<="" td=""><td>0.052</td><td>G 0.0001</td></w></td></t></td></t>	<t 0.015<="" td=""><td><w 0.005<="" td=""><td>0.052</td><td>G 0.0001</td></w></td></t>	<w 0.005<="" td=""><td>0.052</td><td>G 0.0001</td></w>	0.052	G 0.0001
OCT 14,83	OCT 13;83	0.06	0.02	<w 0.005<="" td=""><td>0.040</td><td><w 0.005<="" td=""><td>0.106</td><td>0.0145</td></w></td></w>	0.040	<w 0.005<="" td=""><td>0.106</td><td>0.0145</td></w>	0.106	0.0145
OCT 15,83	OCT 14,83	0.42	0.17	0.035	0.045	0.090	0.222	0.0100
OCT 24,83	OCT 23,83	0.13	0.04	D 0.010	<t 0.010<="" td=""><td>0.035</td><td>0.128</td><td>0.0141</td></t>	0.035	0.128	0.0141
OCT 26,83	OCT 25,83	*****	长 · · · · · · · · · ·	****	****	*****	被 按按按按	****
OCT 27,83	OCT 26,83	****	*****	*****	****	****	*****	*****
NOV 3,83	NOV 2,83	D 0.63	0.26	0.080	0.055	0.025	0.346	0.0204
NOV 6,83		0.04	0.03	0.005	<₩ 0.005	<t 0.010<="" td=""><td>0.050</td><td>0.0186</td></t>	0.050	0.0186
NOV 16,83	NOV 15,83	0.06	0.05	0.005	0.020	0.020	0.054	0.0100
NOV 17,83		0.06	0.05	0.005	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.044</td><td>0.0219</td></t></td></t>	<t 0.005<="" td=""><td>0.044</td><td>0.0219</td></t>	0.044	0.0219
NOV 21,83	NOV 20,83	0.05	0.11	0.010	0.030	0.080	0.248	0.0380
NOV 24,83		*****	*****	*****	****	****	****	0.0513
NOV 28,83	The second second	0.11	0.05	0.010	0.025	0.020	0.188	0.0398
DEC 5,83		0.07	0.03	0.005	<t 0.005<="" td=""><td>0.020</td><td>0.020</td><td>G 0.0039</td></t>	0.020	0.020	G 0.0039
	DEC 5,83	0.40	0.17	0.035	0.060	0.050	0.044	0.0912
DEC 7 07	DEC (07	0.11	0 11	0 005	4T 0 01F	0 000	0 (10	0 0077

0.005

<T 0.015

0.020

0.410

0.0933

STATIO	ON NAME : R	AILTON/DAI	LY/AEROCHEM		#10				PAG	E: 7		
REMOVAL	EXPOSURE	SAMPLING		SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	
DATE	DATE	HR. HR.	HR. HR.	TYPE 01-RAIN	DEPTH(MM)	TYPE 01-STD.	NUMBER	CODE 02-APIOS	CODE 01-MOE	EFFICI- ENCY	FIELD	OFFICE
				02-SN0W		02-NIPHER		03-SPECIAL	03-AES	(X)		
			03-	COMP/04-0	THER							
DEC 28,83	DEC 15,83	800 800	***	3	36.7	2	91086	2	1	67		HMY13
DEC 29,83	DEC 28,83	800 800	900 2300	2	17.5	2	91088	2	1	70		

STATI	ON NAME : RAI	LTON/DAILY/AER	ROCHEM	#10				PAGE: 8	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD		PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
		ML	UMHO/CM				MG/L	MG/L	MG/L
DEC 28,83	DEC 15,83	1595.0	15.6	*****	U	5.80	0.0196	2.70	0.37
DEC 29,83	DEC 28,83	787.0	18.3	****		4.44	0.0600	1.05	0.51

STATI	ON NAME : RAI	LTON/DAILY/AER	OCHEM	#10					PAGE: 9	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE		MAGNESIM		POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L		MG/L		MG/L	MG/L	MG/L	MG/L
DEC 28,83	DEC 15,83	0.97	0.75	G	0.320		0.040	0.530	0.820	U 0.0016
DEC 29,83	DEC 28,83	0.11	0.15		0.010	<t< td=""><td>0.010</td><td>0.045</td><td>0.206</td><td>0.0363</td></t<>	0.010	0.045	0.206	0.0363

STATION NAME : GRAHAM LAKE/DAILY/AEROCHEM

#12

PAGE: 1

		SIAIL	011	AIIL . (MAHAH	LAKE	DAILI	ALKU	HEH	#12				PA	6E : 1		
		MOVAL DATE		POSURE DATE	START	PLING T/END HR.	STAR	ECIP T/END HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM) THER	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		OFFICE
		7,83		6,83	700		530	540	2	2.1	2	22726	2	1	5		N
	JAN			7,83	700	700	1310		1	3.1	2	22727	2	1	48		N
*		11,83		10,83	700	700	2310	2335	1	29.1	2	22728	2	1	96		
		12,83		11,83	700	700		1010	2	3.3	2	22729	2	1	关关关关	EF	
		16,83		15,83	700	700		1100	2	8.1	2	22730	2	1	****	EF	
		24,83		23,83	700	700	1200		3	8.7	2	22731	2	1	U 49	FL	
		25,83		24,83	700	700	1900		1	1.7	2	22732	2	1	65		
		26,83		25,83	700	700	1830		3	1.3	2	22733	2	1	7		N
		31,83		30,83	700	700	1700		1	5.9	2	22734	2	1	77		
		1,83		31,83	700	700		920	1	1.9	2	22735	2	1	36		И
	FEB	3,83	FEB		700	700	1400		1	36.1	2	22736	2	1	76		
	FEB				700	700	1000		1	4.9	2	22737	2	1	68		
	FEB		FEB	7,83	700	700	1200		2	13.1	2	22738	2	1	***	EF	
		18,83			700	700		740	1	0.3	2	22739	2	1	U 218	P	NT
		9,83			700	700	1700		1	5.3	2	22740	2	1	83		HCM
		10,83			700	700	1605		1	1.3	2	22741	2	1	73		
		11,83			700	700		****	1	4.7	2	22742	2	1	66		н
		12,83			700	700	205		2	1.7	2	22743	. 2	1	59		
		15,83		The state of the s	700	700	1100		1	0.5	2	22744	2	1	65	E	
		19,83			700	700	430		1	17.7	2	22745	2	1	114		
		20,83			700	700	1510		1	1.7	2	22746	2	1	3	E	И
		22,83			700	700	1010		3	12.9	2	22747	2	1	***	EF	
		28,83				***		2030	2	19.1	2	22748	2	1	***	EG	
		29,83			700	700	1710		1	2.5	2	22749	2	1	63		
		2,83		1,83	700	700	150	310	2	8.7	2	22750	2	1	94		
		4,83			700	700	300	400	1	4.9	2	22751	2	1	92		
		8,83		7,83	700	700	900	925	1	5.3	2	22752	2	1	90		
		10,83		9,83	700	700	610		1	4.1	2	22753	2	1	101		JHC
		11,83		10,83	700	700	1000		1	13.5	2	22754	2	1	78		JHC
		12,83		11,83	700	700	700	735	2	0.9	2	22755	2	1	53		
		15,83		14,83	700	700	2345	1	1	9.3	2	22756	2	1	101		J
		16,83		15,83	700	700	1645		1	17.8	2	22757	2	1	101		
		17,83			700	700	1000		1	1.6	2	22758	2	1	145		И
		20,83			700	700	1830		2	9.0	2	22759	2	1	****	EF	
		21,83			700	700	930		2	10.2	2	22760	2	1	57		
		22,83		21,83	700	700	1850		2	2.1	2	22761	2	1	73		
		25,83		24,83	700	700	1800		1	7.0	2	22762	2	1	100		
		26,83		25,83	700	700	1745		1	9.1	2	22763	2	1	87		
_	-	29,83		28,83	700	700	2220		1	3.4	2	22764	2	1	131		N
	_HAY	1,83	APR	20,83	700	700	2020	2030	1	27.0	2	22765	2	1	100		C

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	STATI	ON NAME : GRA	HAM LAKE/DAIL	Y/AEROCHEM	#12			PAGE : 2	
	MOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
	DATE	DATE	ML	UMHO/CM	FIELD	LAB	TO PH8.3 MG/L	MG/L	AS N MG/L
JAN	7,83	JAN 6,83	8.0	*****	****	*****	****	*****	*****
JAN	8,83	JAN 7,83	97.0	*****	****	3.82	0.1762	6.05	1.22
JAN	11,83	JAN 10,83	1794.0	6.1	5.06	4.93	0.0330	0.50	0.10
JAN	12,83	JAN 11,83	****	*****	*****	****	*****	*****	*****
JAN	16,83	JAN 15,83	*****	*****	*****	*****	*****	*****	*****
JAN	24,83	JAN 23,83	276.0	23.0	4.33	4.41	0.0902	2.10	0.45
JAN	25,83	JAN 24,83	71.0	*****	*****	4.64	0.0546	1.65	0.50
JAN	26,83	JAN 25,83	6.0	*****	****	*****	****	*****	*****
JAN	31,83	JAN 30,83	292.0	41.0	4.09	4.13	0.1192	3.20	0.85
FEB	1,83	JAN 31,83	45.0	****	****	5.06	0.0422	5.95	1.10
FEB	3,83	FEB 2,83	1774.0	13.1	4.57	4.52	0.0512	1.05	0.23
FEB	4,83	FEB 3,83	214.0	****	4.24	4.31	0.0748	2.25	0.42
FEB	8,83	FEB 7,83	*****	****	*****	*****	*****	*****	*****
FEB	18,83	FEB 17,83	42.0	科技技技技	****	3.31	G 0.4700	4.85	G 5.80
MAR	9,83	MAR 8,83	285.0	9.2	G 5.77	B 6.02	0.0212	1.30	0.18
MAR	10,83	MAR 9,83	61.0	****	****	U 5.87	0.0306	4.10	0.49
MAR	11,83	MAR 10,83	201.0	12.3	4.73	4.77	0.0350	1.00	0.17
MAR	12,83	MAR 11,83	65.0	*****	****	4.79	0.0324	0.50	0.11
MAR	15,83	MAR 14,83	21.0	****	****	*****	*****	预装装装装	*****
MAR	19,83	MAR 18,83	1300.0	4.8	4.88	5.28	0.0248	0.30	0.09
MAR	20,83	MAR 19,83	4.0	****	****	*****	*****	*****	*****
MAR	22,83	MAR 21,83	*****	****	*****	*****	*****	*****	*****
MAR	28,83	MAR 27,83	*****	*****	*****	*****	*****	*****	*****
MAR	29,83	MAR 28,83	101.0	19.7	*****	4.57	0.0496	1.35	0.43
APR	2,83	APR 1,83	529.0	7.9	4.79	5.07	0.0264	0.65	0.16
APR	4,83	APR 3,83	290.0	35.2	4.04	4.26	0.0838	2.75	0.66
APR	8,83	APR 7,83	306.0	81.5	3.76	3.77	0.2060	7.40	1.27
APR	10,83	APR 9,83	268.0	14.2	5.00	G 5.89	0.0178	1.00	0.13
APR	11,83	APR 10,83	675.0	4.9	G 5.18	G 5.84	0.0162	0.55	0.09
APR	12,83	APR 11,83	31.0	****	****	*****	*****	5.35	0.62
APR	15,83	APR 14,83	607.0	30.5	U 5.15	4.26	0.0764	2.55	0.48
APR	16,83	APR 15,83	1157.0	23.7	4.26	4.36	0.0652	1.05	0.52
APR	17,83	APR 16,83	149.0	*****	****	4.20	0.1874	1.85	1.14
APR	20,83	APR 19,83	*****	*****	*****	*****	*****	*****	*****
APR	21,83	APR 20,83	376.0	D 6.6	4.72	4.93	0.0344	0.90	0.03
APR	22,83	APR 21,83	99.0	*****	****	4.93	0.0354	0.60	0.13
APR	25,83	APR 24,83	452.0	17.9	4.56	4.51	0.0564	2.00	0.16
APR	26,83	APR 25,83	512.0	5.4	5.01	5.07	0.0284	0.50	0.04
APR	29,83	APR 28,83	286.0	G 95.0	4.05	3.97	0.1666	G 12.00	1.75
MAY	1,83	APR 30,83	1744.0	28.0	4.41	4.56	0.0558	2.95	0.29

STAT	ION NAME :	GRAHAM LAKE/DAILY	//AEROCHEM	#12			PAGE: 3	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 7,83	JAN 6,83	*****	****	****	*****	*****	*****	*****
JAN 8,83	JAN 7,83	0.28	0.36	0.070	0.080	0.165	0.092	0.1514
JAN 11,83	JAN 10,83	0.03	0.09	0.010	<t 0.010<="" td=""><td>0.045</td><td>0.074</td><td>0.0117</td></t>	0.045	0.074	0.0117
JAN 12,83	JAN 11,83	*****	*****	*****	*****	*****	****	****
JAN 16,83	JAN 15,83	*****	*****	****	*****	*****	*****	****
JAN 24,83	JAN 23,83	0.08	0.19	0.015	0.045	0.075	0.450	0.0389
JAN 25,83	JAN 24,83	0.17	0.51	0.035	U 0.225	0.325	*****	0.0229
JAN 26,83	JAN 25,83	****	*****	*****	*****	****	*****	*****
JAN 31,83	JAN 30,83	0.17	0.26	0.025	0.115	0.135	0.510	0.0741
FEB 1,83	JAN 31,83	米米米米米	0.32	****	*****	****	*****	0.0087
FEB 3,83	FEB 2,83	0.04	0.13	0.020	0.035	0.040	0.162	0.0302
FEB 4,83	FEB 3,83	0.09	0.30	0.020	0.130	0.140	0.328	0.0490
FEB 8,83	FEB 7,83		*****	****	*****	****	*****	*****
FEB 18,83	FEB 17,83	*****	G 1.32	*****	*****	****	*****	0.4898
MAR 9,83	MAR 8,83	0.10	0.23	0.025	0.060	0.150	0.064	B 0.0010
MAR 10,83	MAR 9,83	*****	D 0.38	****	*****	*****	*****	U 0.0013
MAR 11,83	MAR 10,83	0.07	0.57	0.025	G 0.180	0.400	0.216	0.0170
MAR 12,83	MAR 11,83	0.09	0.53	0.030	G 0.190	0.435	****	0.0162
MAR 15,83	MAR 14,83	****	****	****	*****	*****	****	*****
MAR 19,83	MAR 18,83	0.04	0.12	<t 0.005<="" td=""><td>0.020</td><td>0.070</td><td>0.102</td><td>0.0052</td></t>	0.020	0.070	0.102	0.0052
MAR 20,83	MAR 19,83	****	****	*****	*****	*****	*****	*****
MAR 22,83	MAR 21,83	****	*****	****	*****	*****	*****	*****
MAR 28,83	MAR 27,83	*****	*****	****	*****	****	*****	*****
MAR 29,83	MAR 28,83	0.16	0.26	0.025	G 0.140	0.170	*****	0.0269
APR 2,83	APR 1,83	0.12	0.06	0.020	0.020	0.030	0.144	0.0085
APR 4,83	APR 3,83	0.23	0.32	0.040	0.095	0.180	0.400	0.0550
APR 8,83	APR 7,83	0.19	0.17	0.030	0.060	D 0.110	0.760	0.1698
APR 10,83	APR 9,83	0.12	0.08	0.020	0.050	0.050	D 0.292	G 0.0013
APR 11,83	APR 10,83	0.12	0.06	0.010	0.030	0.040	0.132	G 0.0014
APR 12,83	APR 11,83	*****	0.14	*****	*****	****	****	*****
APR 15,83	APR 14,83	0.24	0.28	0.030	0.030	0.120	0.132	0.0550
APR 16,83	APR 15,83	0.06	0.09	0.005	0.030	0.020	0.072	0.0437
APR 17,83	APR 16,83	0.23	0.48	0.030	G 0.160	0.240	0.350	0.0631
APR 20,83	APR 19,83	****	****	*****	*****	技术技术技	*****	*****
APR 21,83	APR 20,83	0.06	<t 0.01<="" td=""><td>0.025</td><td>0.020</td><td>0.025</td><td>0.024</td><td>0.0117</td></t>	0.025	0.020	0.025	0.024	0.0117
APR 22,83	APR 21,83	0.11	0.04	0.035	0.055	0.040	<t 0.004<="" td=""><td>0.0117</td></t>	0.0117
APR 25,83	APR 24,83	0.05	0.03	0.020	0.020	<w 0.005<="" td=""><td>0.176</td><td>0.0309</td></w>	0.176	0.0309
APR 26,83	APR 25,83		0.03	0.020	0.020	0.010	0.036	0.0085
APR 29,83	APR 28,83	G 1.71	0.40	G 0.300	0.125	0.150	G 2.180	0.1072
MAY 1,83	APR 30,83	0.14	0.10	0.025	0.070	0.065	0.550	0.0275

STATION NAME : GRAHAM LAKE/DAILY/AEROCHEM

#12

PAGE : 4

		DINI	011		ZANITALI	L/IIIL/	DALLI	ALIOC	JIILII	WIL					IGL .	7		
		MOVAL DATE		POSURE DATE	SAMP START HR.		STAR	HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER		SUBPROJECT CODE 01-MOE 03-AES	EF	MPLER FICI- NCY (%)		MENTS OFFICE
									001117070									
	MAY	2,83	MAY	1,83	700	700	410	415	1	3.2	2	22766	2	1		42		N
	MAY		MAY		700	700	1910		1	18.8	2	22767	2	1		112		
	MAY		MAY	3,83	700	700	2135	2145	1	4.4	2	22768	2	1		104		
	MAY	5,83	MAY	4,83	700	700	1910	915	1	***	*	22769	2	1	*	***		
	MAY	8,83	MAY	7,83	700	700	515	520	1	11.0	2	22770	2	1		101		
	MAY	9,83	MAY	8,83	700	700	1510	1535	1	4.6	2	22771	2	1		112		
	MAY	10,83	MAY	9,83	700	700	610	640	1	1.6	2	22772	2	1		66		
		11,83		10,83	700	700	920	930	1	3.6	2	22773	2	1		112		
				14,83	700	700	300	340	1	3.8	2	22774	. 2	1		115		
		20,83		19,83	700	700	335	400	1	11.4	1	22775	2	1		96		
		23,83		22,83	700	700		2110	1	5.0	1	22776	2	1		95		
		26,83		25,83	700	700		100	1	10.0	1	22777	2	1	3	***	EF	
		30,83		29,83	700	700	2310		1	11.2	1	22778	2	1		92		J
		31,83		30,83	700	700	1000		1	3.0	1	22779	2	1		74		HM
		6,83		5,83	700	700		645	1	1.2	1	22780	2	1		57		
		7,83		6,83	700	700	1250		1	5.0	1	22781	2	1		91	V12-1101	20
		25,83		24,83	700	700	2110		1	5.8	1	22783	2	1		90	CD	J
Ĭ.		27,83		26,83	700	700	5	15	1	18.6	1	22784	2	1		98		НМ
		1,83		30,83	700	700	1005		1	10.0	1	22785	2	1	U	70	EG	
		4,83		3,83	700	700	2000		1	1.1	1	22786	2	1		60		
		5,83		4,83	700	700 700		810	1	0.6	1	22787	2	1		51		
		22,83		21,83	700	700	2140	220	1	8.0	1	22788	2	1		100		Н
		1,83		31,83	700	700		700	1	14.0 25.2	1	22789 22790	2	1		108		М
		6,83		5,83	700	700	2150		1	2.1	1	22792	2	1		111 93		п
		9,83		8,83	700	700	1700		1	23.2	1	22793	2	1		112		
		12,83		11,83	700	700	1610		î	3.2	î	22794	2	1		72		н
		19,83		18,83	700	700	1715		î	0.8	î	22795	2	î		38		N
		22,83		21,83	700	700		718	î	12.0	î	22796	2	î		79		j
		29,83		28,83	700	700	1700	20,000	î	8.0	î	22797	2	î		104		
		31,83		30,83	700	700	1705		1	24.2	1	22798	2	ī		104		J
-		10,83		9,83	700	700	1705		1	1.0	1	22799	2	1	U	274	Р	N
	SEP	17,83	SEP	16,83	700	700	2200	2215	1	3.8	. 1	22801	2	1	0.96	90		
	SEP	18,83	SEP	17,83	700	700	1500	1520	1	10.0	1	22802	2	1		107		
	SEP	19,83	SEP	18,83	700	700	1700	1710	1	0.6	1	22803	2	1		137		N
	SEP	22,83		21,83	700	700	1100	1120	1	28.1	1	22804	2	1		106		С
	SEP	24,83	SEP	23,83	700	700	1500	1515	1	2.8	1	22805	2	1		70		М
	SEP	26,83	SEP	25,83	700	700	415	420	1	1.8	1	22806	2	1		29		N
	OCT	4,83	OCT	3,83	700	700	110	115	1	1.4	1	22807	2	1		66		
-	OCT	5,83	OCT	4,83	700	700	2230	2305	1	18.0	1	22808	2	1		105		

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	STATI	он и	AME :	GRAHAM	LAKE	/DAILY/	AER	оснем	#12								PAGE :	5		
REMO	DVAL ATE		POSURE		VOLU	ME		CONDUCT.			PH FIELD			PH LAB	TOTAL H		SULPI	HATE		NITRATE AS N
<i>D</i> ,			DATE		ML.			имно/см			TILLD			LAD	MG/L	,	MG	/L		MG/L
MAY	2,83	MAY	1,83		88.	0		****		4	****			4.39	0.0684		3.1	15		0.31
MAY	3,83	MAY	2,83		1358.	0		****			4.68		9	4.57	0.0532		***	**		****
MAY	4,83	MAY	3,83	3	296.	0		****			4.19		9	4.12	0.1206		****	**		*****
MAY	5,83	MAY	4,83		31.	0		****		3	*****		3	4.47	0.0788		****	**		*****
MAY	8,83	MAY	7,83		714.	0		31.4			4.36			4.38	0.2060		3.3	30		0.48
MAY	9,83	MAY	8,83		331.	0		14.4			4.64			4.71	0.0504		1.5	50		0.12
MAY 1	10,83	MAY	9,83		68.	0		*****		3	*****	(3	6.21	0.0160		0.5	50		0.10
MAY 1	11,83	MAY	10,83		260.	0		5.6			5.04	(3	5.23	0.0276		0.5	50		0.10
MAY 1	15,83	MAY	14,83		282.			27.7			4.44			4.37	0.0702		2.5			0.33
MAY 2	20,83		19,83		705.			27.4			4.43			4.35	0.0718		2.2			0.31
MAY 2	23,83		22,83		305.			24.6			4.58			4.62	0.0526		2.8			0.47
MAY 2			25,83		****			****		ş	*****			***	*****		****			*****
MAY 3			29,83		663.			130.0	U		6.33	1		5.67	0.1152		6.2		D	
MAY 3			30,83		143.			*****		4	*****			4.12	0.1206		3.7			0.59
	6,83		5,83		44.			*****			*****			4.33	0.0892		> 10.0			*****
	7,83		6,83		294.			154.0	U		5.35	ι		5.51	0.1592		5.4			0.61
JUN 2			24,83		335.			25.5	Ü		6.49	ì		7.44	0.0174		3.6			0.55
JUN 2			26,83		1175.			61.5			3.95			4.05	0.1382		7.3			0.80
	1,83		30,83		452.			*****		4	 *****			****	*****		****			*****
	4,83	JUL	3,83		43.			****			*****	t		7.22	0.0336		11.2			1.07
200	5,83		4,83		20.			*****			*****	ì		7.40	0.0184		****			*****
JUL 2			21,83		515.			25.0	G		5.12		56 2	5.32	0.0340		4.3			0.75
JUL 3			29,83		974.			30.4	G		4.36			4.46						
	1,83							41.3							0.0728		3.4			0.17
	6,83	AUG	31,83		1804.						4.16			4.23	0.1032		3.9			0.46
			5,83		126.			14.4		2		6		6.26	0.0214		1.9			0.46
	9,83		8,83		1666.			16.3			4.85			5.04	0.0354		2.4			0.32
AUG 1			11,83		148.			15.8			*****			4.89	0.0412		2.2			0.20
AUG 1			18,83		20.			*****			*****			4.53	****		****			*****
AUG 2			21,83		612.			21.2	U		6.06	ι		7.26	0.0178		3.5			0.50
AUG 2			28,83		536.			22.5	7.00		4.26	-		4.46	0.0658		2.6			0.18
AUG 3			30,83		1620.			5.7	G		5.27	ι		6.69	0.0186		0.6			0.11
SEP 1		SEP	9,83		176.			61.5			*****			4.12	0.1216		7.0			1.22
_SEP 1	The second of th		16,83		221.			50.5	D		3.71			***	*****		3.5			0.88
SEP 1			17,83		691.			38.4			3.93			4.26	0.0608		3.4			0.52
SEP 1			18,83		53.			****		3	****			****	*****		7.4			1.37
SEP 2			21,83		1920.			12.7			4.09			4.45	0.0578		1.9	95		0.21
SEP 2	24,83	SEP	23,83		126.	0		8.3		3	*****	t	J	6.87	0.0194		1.0	00		0.36
SEP 2	26,83	SEP	25,83		34.	0		*****		3	****			4.02	0.1404		4.9	95		1.06
OCT	4,83	OCT	3,83		60.	0		****		7	****			4.34	0.0688		3.7	75		0.55
OCT	5,83	OCT	4,83		1220.	0		40.0			3.96			4.15	0.1042		5.3	30		0.70

	STATI	ON N	AME :	GRAHAI	M LAKE/D	AILY/AE	ROCHEM	#12							PAGE	: 6			
	MOVAL DATE		POSURE DATE		CALCIUM	1	CHLORIDE	Ē	MAGNESIM	1	POTASSIM		SODIUM		1000000	ONIUM S N		FRE	E H+
			101.02		MG/L		MG/L		MG/L		MG/L		MG/L			G/L			G/L
MAY	2,83	MAY	1,83		0.26		0.10		0.050		0.055		0.070		***	***		0.04	407
MAY	3,83	MAY	2,83		*****		*****		*****		*****		****		***	***		0.02	269
MAY	4,83	MAY	3,83		*****		****		*****		*****		****		***	***		0.0	
MAY	5,83	MAY	4,83		******		*****		*****		*****		****		***	***		0.03	339
MAY	8,83	MAY	7,83		0.28		0.22		0.060		0.095		0.145		0.	590		0.04	417
MAY	9,83	MAY	8,83		0.18		0.21		0.035		0.095		0.155		0.	110		0.0	195
MAY	10,83	MAY	9,83		0.29		0.18		0.055		0.110		0.170		***	***	G	0.0	006
MAY	11,83	MAY	10,83		0.16		0.07		0.030		0.035		0.045		0.	062	G	0.0	059
MAY	15,83		14,83		0.25		0.14		0.035		0.055		0.065		0.	216		0.04	427
MAY	20,83	YAM	19,83		0.11		0.12		0.025		0.030		0.065		0.	186		0.0	447
	23,83		22,83		0.53	D	0.2	D	0.095	D	0.175	D	0.240		0.	352		0.0	240
	26,83		25,83		*****		*****		*****		*****		*****		***	***		***	***
MAY	30,83	MAY	29,83		*****		0.30		*****		***		*****		U 13.	200	U	0.00	021
MAY	31,83	MAY	30,83		0.75		0.42		0.120		0.155		0.120		0.	870		0.0	759
JUN	6,83	NUC	5,83		*****	G			*****		*****		*****		***	***		0.0	468
JUN	7,83		6,83		*****		0.18		*****		****		****	2	U 9.	210	U	0.0	031
JUN	25,83		24,83		2.41		0.16	U	0.540	U	0.275		0.065		0.	440	U	0.0	000
JUN	27,83	JUN	26,83		0.57		0.18		0.120		0.045		0.050		DO.	102		0.0	891
JUL	1,83		30,83		*****		*****		*****		*****		*****		***	***		***	***
JUL	4,83	JUL	3,83		*****	G	2.45		*****		****		****		***	***	U	0.0	001
JUL	5,83	JUL	4,83		*****		*****		*****		****		*****		***	***	U	0.0	000
JUL	22,83	JUL	21,83		1.12		0.24	G	0.260		0.100		0.050		0.	970	G	0.0	048
JUL	30,83	JUL	29,83		0.28		0.26		0.040		0.095		0.160		0.	560		0.0	347
AUG	1,83	JUL	31,83		0.16		0.18	D	0.020		0.045		0.065		0.	324		0.0	589
AUG	6,83	AUG	5,83		0.91		0.51		0.135	G	0.270		0.265		0.	294	G	0.0	005
AUG	9,83	AUG	8,83		0.55		0.19		0.090		0.085		0.055		0.	410		0.0	091
AUG	12,83	AUG	11,83		0.30		0.26		0.045		0.085		0.150		0.	222		0.0	129
AUG	19,83	AUG	18,83		*****		*****		*****		*****		*****		***	***		0.0	295
AUG	22,83		21,83				0.14	U	0.480		0.055		0.020			440	U	0.0	001
AUG	29,83	AUG	28,83		0.16		0.04		0.035		0.015		0.015		0.	244		0.03	347
	31,83		30,83		0.31		0.04		0.090		0.030		0.015		0.	236	U	0.00	002
	10,83	SEP	9,83		1.30		0.43	G	0.290		0.175		0.270		0.	750		0.07	759
	17,83	SEP	16,83		0.23		0.50		0.085	D	0.070		0.305		0.	360		***	***
	18,83		17,83		0.13		0.10		0.020		0.030		0.035		0.	490		0.0	550
	19,83		18,83		*****		0.42		*****		*****		****			***		***	
	22,83		21,83		0.09		0.04		0.010	<t< td=""><td>0.010</td><td><w< td=""><td>0.005</td><td></td><td>0.</td><td>170</td><td></td><td>0.03</td><td></td></w<></td></t<>	0.010	<w< td=""><td>0.005</td><td></td><td>0.</td><td>170</td><td></td><td>0.03</td><td></td></w<>	0.005		0.	170		0.03	
	24,83		23,83		0.74		0.19		0.040		0.050	<w< td=""><td>0.005</td><td></td><td>0.</td><td>400</td><td>U</td><td>0.00</td><td>001</td></w<>	0.005		0.	400	U	0.00	001
SEP	26,83	SEP	25,83		****		0.35		****		*****		*****		***	***		0.09	955
OCT	4,83	OCT			*****		0.14		*****		****		*****		0.	370		0.0	457
OCT	5,83	OCT	4,83		0.39		0.15		0.050		0.050	<w< td=""><td>0.005</td><td></td><td>0.</td><td>830</td><td></td><td>0.07</td><td>708</td></w<>	0.005		0.	830		0.07	708

STATION NAME : GRAHAM LAKE/DAILY/AEROCHEM #12

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	REN	10VAL	EXI	POSURE	SAMP	LING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
		DATE		DATE.	START			T/END	TYPE	DEPTH(MM)	TYPE	NUMBER		CODE	EFFICI-		
		MIL	•	MIL,	HR.		HR.		01-RAIN	DET HITCHITY	O1-STD.	HOHDER	02-APIOS	01-MOE	ENCY		0,, 102
93					mc.	nic.	nic.	m.	02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
200								0.7		THER	02-NIPHER		03-3PECIAL	02-ME3	(7.)		
1								0.5-	-COMP/04-0	THER							
				F 07	700	700	0000	0070		20. 4		00000			101		
	OCT		OCT		700	700		2030	1	28.4	1	22809	2	1	101		
	OCT		OCT		. 700	700		1735	1	10.1	1	22810	2		94		
		12,83		11,83	700	700		****	1	2.0	1	22811	2	1	100		-
		13,83			700	700		1715	1	10.0	1	22812	2	1	100		J
		14,83		13,83	700	700		2230	1	10.8	1	22813	2	1	105		
		15,83		14,83	700	700	1750-1100-1100	1020	1	4.8	1	22814	2	1	97		
		24,83		23,83	700	700		1810	1	17.2	1	22815	2	1	97		
		26,83		25,83	700	700	610	700	1	1.0	1	22816	2	1	106		
	OCT	27,83		26,83	700	700	920	935	1	6.0	1	22817	2	1	59		JH
	OCT	28,83	OCT	27,83	700	700	740	1110	1	1.2	1	22818	2	1	45		И
	NOA	3,83	NOA	2,83	700	700	200	215	3	10.6	1	22819	2	1	102		J
	NOA	4,83	NOA	3,83	700	700	745	805	3	4.4	1	22820	2	1	145		NJ
	NOA	5,83	NOA	4,83	700	700	915	930	2	13.0	1	22821	2	1	51		J
	NOA	6,83	YOM	5,83	700	700	900	925	3	2.6	1	22822	2	1	76		
	NOV	11,83	VON	10,83	700	700	2045	2350	1	12.4	1	22823	2	1	93		
	VON	12,83	NOV	11,83	700	700	1200	1215	3	14.0	1	22824	2	1	73		
	VON	16,83	NOV	15,83	700	700	1215	1400	3	28.1	1	22825	2	1	86		JHC
		17,83		16,83	700	700	1020	1050	3	8.6	1	22826	2	1	44		N
		21,83		20,83	700	700		2355	1	18.6	1	22827	2	1	100		
		25,83		24,83	700	700	715	730	2	1.2	2	22829	2	1	146		N
		26,83		25,83	700	700		1610	3	0.4	2	22830	2	1	***	E	22
		29,83		28,83	700	700		2230	3	14.6	2	22831	2	1	82	-	J
	DEC	1,83		30,83	700	700		1610	2	1.2	2	22833	2	ĩ	****	EK	
	DEC	5,83	DEC		700	700		2000	2	12.8	2	22834	2	1	****	EF	
	DEC	6,83	DEC	5,83	700	700		1900	1	2.4	2	22835	2	1	35	Li	N
	DEC	7,83	DEC	6,83	700	700		1400	3	26.8	2	22836	2	î	92		
	DEC	8,83	DEC	7,83	700	700		1400	2	1.0	2	22837	2	1	****	E	
	DEC	9,83	DEC		700	700		****	2	1.2	2	22838	2	1	****	E	
		11,83		10,83	700	700		1900	2	4.8	2	22840	2	1	19	E	N
						700							2	1	****	EEV	14
		12,83		11,83	700	S		2200	2	5.8	2	22841		1		EFK	
		13,83		12,83	700	700		1210	4	26.0	2	22842	2	270		FI	MILEM
		14,83		13,83	700	700	700	700	1	19.0	2	22843	2	1	34		NHCM
		15,83		14,83	700	700		1145	1	1.4	2	22844	2	1	81		
		16,83		15,83	700	700	130		2	2.2	2	22845	2	1	76		
		19,83		18,83	700	700		1110	2	0.8	2	22846	. 2	1	****	EF	
		22,83		21,83	700	700		1200	3	8.8	2	22847	2	1	****	EF	
		23,83		22,83	700	700		1400	3	17.6	2	22848	2	1	***	EF	
		24,83		23,83	700	700		1125	2	0.6	2	22849	2	1	****	EF	
-		27,83		26,83	700	700	2200	30	2	2.4	2	22850	2	1	茶茶茶茶	EF	
-	_DEC	28,83	DEC	27,83	700	700	800	1900	2	1.4	2	22851	2	1	铁铁铁铁	EF	

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		STATI	ON N	AME : (GRAHAM LAKE/DAILY	/AEROCHEM	#12				PAGE: 8	
	REMO			POSURE	VOLUME	CONDUCT.	PH		PH	TOTAL H+	SULPHATE	NITRATE
	DA	ATE	,	DATE	ML	UMHO/CM	FIELD		LAB	TO PH8.3 MG/L	MG/L	AS N MG/L
	OCT	6,83	OCT	5,83	1848.0	17.3	4.34		4.49	0.0538	2.05	0.23
	OCT	9,83	OCT	8,83	611.0	20.6	4.31		4.52	0.0532	3.10	0.32
	OCT 1	12,83	OCT	11,83	129.0	15.0	****	U	7.13	0.0194	1.25	0.19
	OCT 1	13,83	OCT	12,83	643.0	4.0	G 5.28	G	6.41	0.0156	0.25	0.09
	OCT 1	14,83	OCT	13,83	728.0	8.0	4.71		4.94	0.0294	0.65	0.14
	OCT 1	15,83	OCT	14,83	299.0	28.8	4.30		4.38	0.0680	2.80	0.67
	OCT 2	24,83	OCT	23,83	1070.0	8.2	4.80		5.09	0.0264	0.75	0.18
	OCT 2	26,83	OCT	25,83	68.0	*****	****	3	****	*****	*****	*****
	OCT 2	27,83		26,83	230.0	10.2	4.23		5.34	0.0264	1.40	0.24
		28,83	OCT	27,83	35.0	*****	*****	G	5.22	0.0326	3.20	0.84
	NOV	3,83	NOV	2,83	696.0	40.4	3.59		4.22	0.0986	3.55	0.82
	NOV	4,83	NOV	3,83	409.0	25.8	3.86		4.42	0.0666	2.40	0.35
	NOV	5,83	NOV	4,83	430.0	9.2	4.22		4.86	0.0336	0.55	0.13
	NOA	6,83	NOV	5,83	128.0	10.4	****		4.90	0.0348	1.00	0.10
	NOV 1	11,83	NOV	10,83	741.0	10.6	4.32	4	*****	0.0294	0.90	0.11
	NOV 1			11,83	662.0	12.3	4.27		4.65	0.0412	1.25	0.03
	NOV 1			15,83	1554.0	6.0	4.76	G	5.34	D 0.0200	0.45	0.04
	NOV 1			16,83	244.0	11.0	4.33		4.73	0.0382	1.00	0.25
	NOV 2	1/2		20,83	1204.0	14.0	4.30		4.70	0.0388	1.20	0.25
	NOV 2			24,83	113.0	45.3	*****		4.11	0.1084	4.40	1.13
	NOV 2	7 (19)		25,83	*****	*****	*****		*****	*****	*****	*****
	NOV 2	A 1 CO. M. CO. CO. L.		28,83	772.0	14.8	3.66	3	4.67	0.0400	1.35	0.35
		1,83		30,83	*****	*****	*****		*****	*****	*****	*****
		5,83	DEC		*****	*****	*****		*****	*****	*****	*****
		6,83	DEC	5,83	54.0	*****	*****		3.88	0.1614	5.95	1.57
		7,83	DEC	6,83	1596.0	42.2	*****		4.09	0.1046	3.20	0.79
		8,83	DEC	7,83	*****	*****	*****		*****	*****	*****	*****
		9,83	DEC		*****	*****	*****		*****	*****	*****	*****
	DEC 1			10,83	61.0	*****	*****	*	3.87	0.1600	3.55	1.55
	DEC 1			11,83	*****	*****	*****		*****	*****	*****	*****
	DEC 1			12,83	247.0	7.5	*****	,	4.97	0.0256	0.30	0.16
	DEC 1			13,83	421.0	7.5	*****		5.01	0.0254	0.65	0.16
	DEC 1			14,83	73.0	*****	*****		3.95	0.1328	3.15	1.17
-	DEC 1			15,83	108.0	43.1	*****		4.03	0.1142	1.60	1.17
	DEC 1			18,83	*****	*****	*****	,	*****	######		*****
	DEC 2			21,83	*****	*****	*****			******	*****	
	DEC 2			22,83	*****	*****	*****		*****		*****	****
	DEC 2			23,83	*****	*****	*****			*****	*****	*****
	DEC 2			26,83	*****	*****			*****	*****	*****	*****
	DEC 2			27,83	*****		*****		****	*****	*****	*****
	DEC 2	0,00	DEC	61,03	有其其有效者	***	并 并并并并	3	****	****	*****	****

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ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : GRAHAM LAKE/DAILY/AEROCHEM #12 PAGE: 9 REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM AMMONIUM FREE H+ LAB DATE AS N DATE MG/L MG/L MG/L MG/L MG/L MG/L MG/L OCT 6,83 OCT 5,83 0.05 0.04 0.005 0.015 <W 0.005 0.354 0.0324 0.065 <W 0.005 0.362 0.0302 OCT 9,83 OCT 8,83 0.44 0.12 0.070 0.770 OCT 12,83 OCT 11,83 0.45 1.34 0.150 U 0.230 U 0.690 U 0.0001 OCT 13,83 OCT 12,83 0.06 0.21 0.020 0.020 0.110 D 0.208 G 0.0004 0.06 <T 0.005 <T 0.010 0.112 0.0115 OCT 14,83 OCT 13,83 0.02 0.010 <T 0.010 OCT 15,83 OCT 14,83 0.33 0.13 0.040 0.055 D 0.580 0.0417 0.05 0.04 0.005 <T 0.015 0.020 0.260 0.0081 OCT 24,83 OCT 23,83 0.26 ***** 0.050 0.205 G 0.425 ***** ***** OCT 26,83 OCT 25,83 0.21 0.06 0.080 0.045 0.045 0.220 0.0046 OCT 27,83 OCT 26,83 OCT 28,83 OCT 27,83 ***** 0.50 ***** **** ***** ***** G 0.0060 0.050 0.080 NOV 3,83 NOV 2,83 0.24 0.10 0.045 0.580 0.0603 NOV 4,83 NOV 3,83 0.05 <W 0.01 0.010 0.020 0.035 0.314 0.0380 <W 0.005 0.020 0.072 0.0138 NOV 5,83 NOV 4,83 0.04 <W 0.01 0.005 <T 0.005 0.0126 NOV 6,83 NOV 5,83 0.11 0.02 0.010 0.030 0.116 0.005 0.020 0.020 0.120 **** NOV 11,83 NOV 10,83 0.05 0.05 0.03 <T 0.005 <T 0.010 <T 0.005 0.100 0.0224 NOV 12,83 NOV 11,83 0.02 0.04 0.005 <T 0.005 0.025 0.144 G 0.0046 NOV 16,83 NOV 15,83 0.04 NOV 17,83 NOV 16,83 0.04 0.05 <T 0.005 <T 0.010 0.020 0.244 0.0186 NOV 21,83 NOV 20,83 0.05 0.08 0.010 0.020 0.030 0.280 0.0200 G 0.180 0.390 NOV 25,83 NOV 24,83 1.34 0.62 0.080 0.600 0.0776 NOV 26,83 NOV 25,83 **** ***** ***** ***** **** ***** **** NOV 29,83 NOV 28,83 0.05 0.05 0.005 0.020 0.020 0.316 0.0214 ***** ***** ***** ***** ***** ***** DEC 1,83 NOV 30,83 ***** DEC 5,83 DEC 4,83 ***** ***** ***** ***** ***** ***** ***** ***** DEC 6,83 DEC 5,83 ***** 0.34 **** ***** **** 0.1318 DEC 7.83 DEC 6,83 0.07 0.07 0.005 <T 0.010 0.015 0.450 0.0813 DEC 8,83 DEC 7,83 ***** **** ***** ***** ***** **** ***** DEC 9,83 DEC 8,83 ***** ***** ***** ***** ***** ***** ***** ***** ***** ***** **** ***** DEC 11,83 DEC 10,83 0.33 0.1349 DEC 12,83 DEC 11,83 ***** ***** ***** ***** ***** ***** ***** 0.02 <T 0.005 <W 0.005 0.020 0.020 0.0107 DEC 13,83 DEC 12,83 0.03 0.005 <T 0.005 0.020 0.032 0.0098 DEC 14,83 DEC 13,83 0.01 0.03 DEC 15,83 DEC 14,83 ***** 0.27 **** ***** ***** ***** 0.1122 DEC 16,83 DEC 15,83 0.09 0.21 0.015 0.025 0.045 ***** 0.0933 DEC 19,83 DEC 18,83 ***** ***** ***** ***** ***** ***** ***** DEC 22,83 DEC 21,83 **** ***** ***** ***** **4 ******** **** **** DEC 23,83 DEC 22,83 ***** **** **** **** **** **** **** DEC 24,83 DEC 23,83 ***** **** ***** ***** **** **** **** DEC 27,83 DEC 26,83 ***** **** ***** ***** ***** ***** ****

DEC 28,83 DEC 27,83

STATION NAME : GRAHAM LAKE/DAILY/AEROCHEM PAGE: 10 #12 REMOVAL EXPOSURE SAMPLING PRECIP SAMPLE GAUGE GAUGE SAMPLE PROJECT SUBPROJECT SAMPLER COMMENTS DATE DATE START/END START/END TYPE DEPTH(MM) TYPE NUMBER CODE CODE EFFICI- FIELD OFFICE HR. HR. HR. HR. 01-RAIN 01-STD. 02-APIOS 01-M0E ENCY 02-SNOW 02-NIPHER 03-SPECIAL 03-AES (%) 03-COMP/04-OTHER DEC 29,83 DEC 28,83 700 700 900 2200 3 14.0 2 22852 1 U 15 F

STATIO	ON NAME : GRAH	AM LAKE/DAILY/	AEROCHEM	#12			PAGE : 11	
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM		X	MG/L	MG/L	MG/L
DEC 29,83	DEC 28,83	140.0	15.6	****	4.67	0.0386	0.55	0.50

STATI	ION NAME : GI	RAHAM LAKE/DAILY	/AEROCHEM	#12			PAGE : 12	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 29,83	DEC 28,83	<t 0.02<="" td=""><td>0.03</td><td>0.010</td><td>0.020</td><td>0.045</td><td>0.234</td><td>0.0214</td></t>	0.03	0.010	0.020	0.045	0.234	0.0214

STATION NAME : WHITMAN CREEK/DAILY/AEROCHEM #09

PAGE: 1

	SIAII	UN NO	AME :	MHIIMAN	CREE	K/DAII	LY/AEI	KOCHEM	#09			.9	PA	GE :	1		
	MOVAL DATE		POSURE DATE	START	/END HR.	STAR	HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES		CI- I	COMM FIELD	ENTS OFFICE
JAN	8,83	JAN	7,83	800	800	1130	200	3	9.1	2	22177	2	1	***	H 1	EF	
	11,83		10,83	800	800	930	500	3	22.1	2	22178	2	1	***		EF	
JAN	16,83	JAN	15,83	800	800	930	2200	2	2.9	2	22179	2	1	***	* 1	EF	
JAN	24,83	JAN	23,83	800	800	930	730	3	7.9	2	22180	2	1	***	* 1	EF	
FEB	1,83	JAN	31,83	800	800	830	1900	1	5.5	2	22181	2	1	***	* 1	EF	
FEB	3,83	FEB	2,83	800	800	800	2130	1	40.5	2	22182	2	1	***	¥	EF	
FEB	8,83	FEB	7,83	800	800	800	1900	2	9.1	2	22183	2	1	***	¥ 1	EF	
FEB	23,83	FEB	22,83	800	800	1900	500	3	15.1	2	22184	2	1	8	5		
MAR	4,83	MAR	3,83	800	800	300	600	2	2.5	2	22185	2	1	U 8	ο,	J	
MAR	5,83	MAR	4,83	800	800	1300	2200	3	1.3	2	22186	2	1	7	4		
MAR	7,83	MAR	6,83	800	800	2100	300	1	1.5	2	22187	2	1	***	* 1	EF	
MAR	10,83	MAR	9,83	800	800	200	1830	1	7.5	2	22188	2	1	8	5		
MAR	20,83	MAR	19,83	800	800	930	100	1	17.3	2	22189	2	1	10	2		
MAR	22,83	MAR	21,83	800	800	930	2200	3	15.1	2	22190	2	1	***	* 1	EF	
MAR	28,83	MAR	27,83	800	800	1300	2330	3	16.9	2	22191	2	1	***	* 1	EF	
MAR	29,83	MAR	28,83	800	800	1400	2000	2	0.9	2	22192	2	1	15	6		N
APR	4,83	APR	3,83	800	800	830	1900	1	11.7	2	22194	2	1	5	9		
APR	5,83	APR	4,83	800	800	1000	2200	1	2.1	2	22195	2	1	8	6		×
APR	8,83	APR	7,83	800	800	830	1600	1	3.9	2	22196	2	1	6	9		
	10,83	APR		800	800		800	1	13.5	2	22197	2	1	5		С	
	11,83	APR	10,83	800	800	800	2100	1	9.9	2	22198	2	1	7			
	15,83	APR	14,83	800	800	930	1400	1	6.9	2	22199	2	1	***		EF	
	16,83			800	800		1500	1	2.8	2	22200	2	1	9			
	20,83			800	800		1600	3	4.2	2	22201	2	1	3			N
	22,83		21,83	800	800		1900	1	7.8	2	22202	2	1	7			н
	25,83		24,83	800	800	1130		1	2.0	2	22203	2	1	***		EF	
	29,83		28,83	800	800		1600	1	8.8	2	22204	2	ī	7			
	1,83		30,83	800	800	1030		1	2.2	2	22205	2	1	9		AC	
	2,83	MAY		800	800	2300	800	1	17.2	2	22206	2	î	10			
MAY				800	800	1845		1	15.4	2	22207	2	1	4		C	N
	9,83			800	800		1700	1	5.0	1	22209	2	1	7			
-	23,83			800	800	1600	400	1	5.0	ī	22210	2	î	9			
	26,83			800	800	1800	300	1	5.0	î	22211	2	î	***		EG	
	30,83			800	800	1930	730	1	19.0	î	22212	2	î	9		CD	
	31,83			800	800	1700		1	0.9	1	22213	2	1	2		CD	N
	4,83		3,83	800	800	230		1	1.0	î	22215	2	î	1		E	N
	7,83		6,83	800	800	1000		1	6.8	1	22216	2	1	9:		_	
	18,83		17,83	800	800	1400		1	***	1	22217	2	1	***			
	25,83		24,83	800	800	2130		î	2.4	1	22218	2	1	110			
	26,83		25,83	800	800		800	î	2.0	1	22219	2	1	70		ÁC	
_JUN	20,03	JUN	23,03	300	000	0.50	000		٤.0		22219	2		/	, ,		

	STATI	ON NAME : WH	ITMAN CREEK/DAI	LY/AEROCHEM	#09			PAGE : 2	
	MOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
1	DATE	DATE	ML	UMHO/CM	FIELD	LAB	TO PH8.3 MG/L	MG/L	AS N MG/L
JAN	8,83	JAN 7,83	*****	*****	*****	*****	*****	*****	*****
JAN	11,83	JAN 10,83	*****	*****	*****	*****	*****	*****	*****
JAN	16,83	JAN 15,83	****	*****	*****	*****	*****	*****	*****
JAN	24,83	JAN 23,83	*****	*****	*****	*****	*****	*****	*****
FEB	1,83	JAN 31,83	*****	****	*****	*****	*****	*****	*****
FEB	3,83	FEB 2,83	*****	*****	*****	*****	*****	*****	*****
FEB	8,83	FEB 7,83	*****	****	****	*****	*****	*****	*****
FEB	23,83	FEB 22,83	827.0	44.0	4.06	4.03	0.1100	4.05	0.68
MAR	4,83	MAR 3,83	129.0	19.0	*****	4.92	0.0280	1.85	0.67
MAR	5,83	MAR 4,83	62.0	*****	*****	3.74	0.2220	> 10.00	1.11
MAR		MAR 6,83	*****	*****	*****	*****	*****	*****	*****
	10,83	MAR 9,83	411.0	29.2	4.32	4.13	0.0806	2.05	0.51
	20,83	MAR 19,83	1139.0	11.3	*****	4.71	0.0404	0.85	0.21
	22,83	MAR 21,83	*****	*****	*****	*****	*****	*****	*****
	28,83	MAR 27,83	*****	*****	*****	*****	*****	*****	*****
600000	29,83	MAR 28,83	90.0	19.3	*****	4.40	0.0624	1.05	0.83
APR		APR 3,83	444.0	29.8	U 6.93	*****	*****	1.60	0.27
APR		APR 4,83	116.0	68.0	*****	3.87	0.1728	4.00	1.50
APR	8,83	APR 7,83	173.0	78.3	*****	3.82	0.1904	5.85	1.27
	10,83	APR 9,83	498.0	11.3	4.91	4.78	D 0.0334	0.90	0.17
	11,83	APR 10,83	452.0	16.8	4.73	4.58			2000 1000 1000
	15,83	APR 14,83	*****	*****	*****	*****	0.0446 *****	0.80 *****	0.18
	16,83	APR 15,83		77.2					*****
			172.0		*****	3.86	0.1806	5.25	1.53
	20,83	APR 19,83	89.0	*****	*****	4.44	0.0570	2.05	0.22
	22,83	APR 21,83	389.0	8.2	G 5.22	5.14	0.0266	0.95	0.04
	25,83	APR 24,83	*****	****	*****	****	****	****	****
	29,83	APR 28,83	435.0	62.5	4.30	4.30	0.1042	7.60	1.18
MAY	1,83	APR 30,83	133.0	*****	****	4.34	0.0754	3.50	0.36
MAY	2,83	MAY 1,83	1152.0	33.6	4.39	4.30	0.0766	3.50	0.36
MAY	3,83	MAY 2,83	426.0	27.7	4.51	4.44	0.0626	3.10	0.33
MAY	9,83	MAY 8,83	252.0	20.5	4.59	*****	****	2.05	0.13
	23,83	MAY 22,83	307.0	20.6	4.66	4.62	0.1254	3.05	0.19
	26,83	MAY 25,83	*****	*****	****	*****	*****	*****	*****
	30,83	MAY 29,83	1146.0	29.4	4.35	4.31	0.0754	3.10	0.34
	31,83	MAY 30,83	13.0	*****	****	3.73	D 0.3060	****	*****
JUN	4,83	JUN 3,83	12.0	*****	*****	*****	英英英英英	英 英英英英	*****
JUN	7,83	JUN 6,83	405.0	37.7	4.19	4.19	0.0968	D 4.60	0.33
	18,83	JUN 17,83	643.0	77.5	3.87	3.92	0.1938	7.90	0.77
NUL	25,83	JUN 24,83	170.0	*****	*****	U 6.01	0.0178	1.50	0.10
JUN	26,83	JUN 25,83	91.0	****	*****	U 4.13	0.1430	U 15.80	1.42

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITMAN CREEK/DAILY/AEROCHEM #09 PAGE: 3 REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM AMMONIUM FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L ***** JAN 8,83 JAN 7,83 ***** ***** ***** ***** ***** ***** JAN 11,83 JAN 10,83 ***** ***** ***** ***** ***** ***** ***** JAN 16,83 JAN 15,83 ***** ***** ***** ***** ***** **** **** ***** JAN 24,83 JAN 23,83 ***** ***** ***** ***** ***** ***** FEB 1,83 JAN 31,83 ***** **** ***** ***** ***** ***** ***** ***** ***** FEB 3,83 FEB 2,83 ***** ***** ***** ***** ***** FEB 8,83 FEB 7,83 ***** ***** ***** ***** ***** ***** ***** FEB 23,83 FEB 22,83 0.07 0.17 0.015 0.035 0.080 0.690 0.0933 MAR 4,83 MAR 3,83 1.04 0.38 U 0.165 0.105 0.285 ***** 0.0120 MAR 5,83 MAR 4,83 ***** 0.54 ***** ***** ***** ***** 0.1820 ***** MAR 7,83 ***** ***** ***** ***** MAR 6,83 ***** ***** MAR 10,83 MAR 9,83 0.10 0.09 0.020 0.010 0.045 0.142 0.0741 MAR 20,83 MAR 19,83 0.05 0.11 0.015 0.015 0.065 0.116 0.0195 MAR 22,83 MAR 21,83 ***** ***** **** ***** **** ***** ***** ***** MAR 28,83 MAR 27,83 ***** ***** ***** **** **** ***** MAR 29,83 MAR 28,83 0.06 0.03 0.010 0.020 0.035 ***** 0.0398 APR 4,83 APR 3,83 ***** ***** ***** ***** 0.76 0.052 ***** APR 5,83 APR 4,83 0.32 0.28 0.065 0.050 0.120 0.570 0.1349 APR 8,83 APR 7,83 0.25 0.16 0.030 0.050 0.030 0.490 0.1514 APR 10,83 APR 9,83 0.14 0.07 0.020 0.040 0.020 0.056 0.0166 APR 11,83 APR 10,83 0.05 0.06 0.010 0.030 0.020 0.104 0.0263 APR 15,83 ***** ***** ***** ***** APR 14,83 ***** ***** ***** APR 16,83 APR 15,83 0.62 0.29 0.090 D 0.040 0.020 0.400 0.1380 APR 20,83 APR 19,83 0.15 0.94 0.090 0.040 0.580 0.132 0.0363 APR 22,83 APR 21,83 0.05 0.04 0.015 0.020 0.055 0.244 0.0072 APR 25,83 APR 24,83 ***** ***** ***** ***** **** ***** ***** APR 29,83 APR 28,83 1.43 0.29 G 0.230 0.130 0.115 1.410 0.0501 MAY 1,83 0.36 0.050 0.080 0.085 APR 30,83 0.12 0.510 0.0457 MAY 2,83 MAY 1,83 0.28 0.10 0.045 0.075 0.060 0.480 0.0501 MAY 3,83 MAY 2,83 0.36 0.13 0.065 0.050 0.100 0.500 0.0363 MAY 9,83 MAY 8,83 0.12 0.07 0.025 0.040 0.025 0.144 ***** MAY 23,83 MAY 22,83 0.59 0.06 0.030 0.060 0.055 0.312 0.0240 MAY 26,83 MAY 25,83 ***** ***** ***** ***** ***** ***** ***** MAY 30,83 MAY 29,83 0.12 0.08 0.035 0.050 0.050 0.380 0.0490 MAY 31,83 MAY 30,83 ***** ***** ***** ***** ***** ***** 0.1862 ***** ***** JUN 4,83 **** ***** ***** JUN 3,83 **** ***** JUN 7,83 0.05 0.05 0.005 0.030 JUN 6,83 0.030 0.620 0.0646 JUN 18,83 JUN 17,83 0.28 0.22 0.040 0.040 0.045 0.580 0.1202 JUN 25,83 JUN 24,83 0.08 0.59 0.115 0.115 0.045 0.018 U 0.0010

U 2.450

U 0.0741

JUN 26,83 JUN 25,83

0.49

STATION NAME : WHITMAN CREEK/DAILY/AEROCHEM #09 PAGE : 4

													31,535	- T		
RE	MOVAL	EX	POSURE	SAMP	LING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
	DATE		DATE	START	/END	STAR	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-		
				HR.	HR.	HR.	HR.	01-RAIN		01-STD.		02-APIOS	01-M0E	ENCY		
								02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
							03-	COMP/04-0	THER							
JUN	27,83	JUN	26,83	800	800	2300	800	1	16.0	1	22220	2	1	71	C	
JUL	5,83	JUL	4,83	800	800	2000	300	1	16.8	1	22221	2	1	88	CD	J
JUL	9,83	JUL	8,83	800	800	1700	1830	1	1.0	1	22222	2	1	46		N
JUL	29,83	JUL	28,83	800	800	1600	1800	1	1.0	1	22223	2	1	84	C	17.7
JUL	30,83	JUL	29,83	800	800	30	130	1	12.0	1	22224	2	1	99	AC	C
AUG	1,83	JUL	31,83	800	800	830		1	13.3	1	22225	2	1	97	,,,	М
AUG	7,83	AUG	6,83	800	800	2015	2055	1	11.0	1	22228	2	ī	89	С	
AUG		AUG		800	800		1755	ī	2.1	1	22229	2	î	93	AC	
	12,83		11,83	800	800		1800	1	2.8	î	22230	2	î	50	AC	НМ
	18,83		17,83	800	800	300		ī	8.0	î	22231	2	î	135	С	
	21,83		20,83	800	800	400		1	13.0	1	22232	2	1			NHM
	28,83		27,83	800	800		1630	1	16.0	1			1	107	AC	
	31,83		30,83	800	800		****				22233	2	1	89	AC	
								1	1.3	1	22234	2	1	52	AC	
	6,83		5,83	800	800	600		1	2.4	1	22236	2	1	100		-
	10,83	SEP		800	800		2315	1	4.2	1	22237	2	1	92		J
	17,83		16,83	800	800		2300	1	12.8	1	22238	2	1	137		N
	18,83		17,83	800	800		1500	1	2.4	1	22239	2	1	83		
	19,83		18,83	800	800	2300	30	1	2.8	1	22240	, 2	1	81		
	22,83		21,83	800	800	900	1600	1	25.0	1	22241	2	1	111		
OCT	4,83	OCT	3,83	800	800	200	400	1	1.8	1	22242	2	1	62	C	
OCT	5,83	OCT	4,83	800	800	1400	600	1	16.8	1	22243	2	1	98		
OCT	6,83	OCT	5,83	800	800	900	500	1	37.4	1	22246	2	1	111		
OCT	8,83	OCT	7,83	800	800	730	800	1	1.0	1	22247	2	1	67	C	
OCT	9,83	OCT	8,83	800	800	900	1900	1	5.4	1	22248	2	1	88		
OCT	12,83	OCT	11,83	800	800	300	800	1	1.2	1	22249	2	1	19		N
OCT	13,83	OCT	12,83	800	800	200	700	1	16.6	1	22250	2	1	97		нсм
OCT	14,83	OCT	13,83	800	800	800	200	1	16.0	1	22251	2	1	101		
OCT	15,83	OCT	14,83	800	800	930	1300	1	3.2	1	22252	2	1	56		
OCT	23,83	OCT	22,83	800	800	300	730	1	3.6	1	22253	2	î	53		
	24,83		23,83	800	800	800	700	1	15.4	1	22254	2	î	84		
	26,83		25,83	800	800	2200	200	ī	1.8	ī	22255	2	1	39	С	N
	27,83		26,83	800	800	2100	100	ī	2.0	1	22256	2	1	57	C	14
	3,83	NOV		800	800	730	800	î	23.4	1	22257	2	1	99	C	
	4,83	NOV	-	800	800	300	800	2	****	1						
	11,83			800	800	2000	200	1			22258	2	1	****		J
									9.2	1	22259	2	1	73		J
	21,83		20,83	800	800	****		3	***	1	22260	2	1	****		
	24,83		23,83	800	800	****		2	****	*	22262	2	1	****		_
	29,83		28,83	800	800	800	200	3	10.5	2	22263	2	1	64		J
DEC		DEC		800	800	1030	100	2	4.2	2	22264	2	1	34		N
-DEC	5,83	DEC	4,83	800	800	830	2100	2	10.8	2	22265	2	1	U 21	G	C

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STATION NAME : WHITMAN CREEK/DAILY/AEROCHEM #09 PAGE : 5

	STATE	UN NAPIE . WI	ITTHAN CREEK/DAT	LI/ AEROCHEN	#07				PAGE . 3	
RE	HOVAL	EXPOSURE	VOLUME	CONDUCT.	PH		PH	TOTAL H+	SULPHATE	NITRATE
	DATE	DATE			FIELD		LAB	TO PH8.3		AS N
			ML	UMHO/CM				MG/L	MG/L	MG/L
JUN	27,83	JUN 26,83	736.0	65.5	3.99		4.04	0.1462	7.65	0.90
JUL	5,83	JUL 4,83	948.0	30.5	U 6.82		4.26	0.0790	3.40	0.29
JUL	9,83	JUL 8,83	30.0	*****	*****	G	6.64	0.0236	5.10	0.91
JUL	29,83	JUL 28,83	54.0	*****	*****		3.88	0.2520	13.80	1.68
JUL	30,83	JUL 29,83	768.0	19.3	4.41		4.72	0.0478	1.70	0.32
AUG	1,83	JUL 31,83	835.0	50.0	4.01		4.18	0.1188	4.70	0.50
AUG	7,83	AUG 6,83	634.0	24.2	4.38		4.49	0.0644	2.55	0.18
AUG		AUG 8,83	126.0	17.3	****	U	7.19	0.0160	2.65	0.69
AUG	12,83	AUG 11,83	91.0	*****	*****		4.39	0.0876	3.30	0.43
	18,83	AUG 17,83	697.0	120.0	3.51		3.78	****	11.20	1.12
AUG	21,83	AUG 20,83	897.0	24.5	4.29		4.45	0.0582	2.35	0.19
AUG		AUG 27,83	921.0	18.0	4.51		4.61	0.0518	1.85	0.22
AUG	31,83	AUG 30,83	44.0	*****	*****		4.68	0.0508	1.55	0.54
SEP	6,83	SEP 5,83	154.0	143.0	*****		3.63	0.3180	G 17.80	1.44
SEF	10,83	SEP 9,83	250.0	22.0	4.13		4.63	0.0512	2.30	0.43
SEP	17,83	SEP 16,83	1132.0	57.3	3.85		4.02	0.1008	4.30	0.94
SEF	18,83	SEP 17,83	128.0	22.5	****		4.45	0.0388	1.80	0.36
	19,83	SEP 18,83	146.0	55.3	*****		4.12	0.0808	5.75	1.00
SEP	22,83	SEP 21,83	1780.0	17.5	4.71		4.46	0.0530	2.10	0.20
OCT	4,83	OCT 3,83	72.0	62.0	*****		4.00	0.1430	7.80	1.25
OCT	5,83	OCT 4,83	1065.0	40.2	3.90		4.15	0.0984	4.75	0.57
OCT	6,83	OCT 5,83	2679.0	10.3	4.46		4.71	0.0362	1.05	0.10
OCT	8,83	OCT 7,83	43.0	*****	*****		4.20	0.1020	5.50	1.59
OCT	9,83	OCT 8,83	306.0	31.0	4.12		4.29	0.0730	4.00	0.56
OCT	12,83	OCT 11,83	15.0	*****	*****	G	6.90	0.0172	****	*****
OCT	13,83	OCT 12,83	1037.0	5.4	4.79	G	5.27	0.0242	0.25	0.13
OCT	14,83	OCT 13,83	1036.0	10.8	4.64		4.75	0.0356	0.85	0.16
OCT	15,83	OCT 14,83	116.0	15.8	****		4.62	0.0466	1.45	0.28
OCT	23,83	OCT 22,83	123.0	27.7	*****		4.35	0.0672	1.90	0.69
OCT	24,83	OCT 23,83	832.0	11.5	4.63		4.80	0.0368	0.80	0.13
OCT	26,83	OCT 25,83	45.0	*****	****		4.40	0.0760	3.45	0.88
OCT	27,83	OCT 26,83	74.0	*****	*****		5.07	0.0306	1.10	0.15
NOV	3,83	NOV 2,83	1499.0	26.6	4.04		4.35	0.0742	2.90	0.50
NOV	4,83	NOV 3,83	295.0	10.5	4.36		4.91	0.0340	1.15	0.12
NOV	11,83	NOV 10,83	435.0	10.7	4.29		5.02	0.0240	0.90	0.11
101	21,83	NOV 20,83	629.0	22.4	4.03		4.41	0.0564	1.65	0.40
	24,83	NOV 23,83	83.0	*****	*****		3.94	0.1384	*****	*****
NOV	29,83	NOV 28,83	432.0	14.9	3.77		4.61	0.0416	1.45	0.18
DEC	3,83	DEC 2,83	93.0	*****	*****		4.39	0.0676	4.15	0.80
DEC	5,83	DEC 4,83	147.0	9.0	*****		5.05	0.0258	0.50	0.23

	STATION NAME : WHITMAN CREEK/DAILY/AEROCHE						EROCHEM	#09						PA	IGE : 6		
	OVAL		SURE	CAL	CIUM		CHLORIDE		MAGNESI	М	POTASSI	М	SODIUM	i	AMMONIUM AS N		FREE H+
				М	G/L		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
JUN	27,83	JUN 2		0	.58		0.24		0.125		0.070		0.055		1.000		0.0912
JUL	5,83	JUL		0	.17		0.12		0.040		0.025		0.050		0.246		0.0550
JUL	9,83	JUL		***	并并并		0.22		*****		*****		*****		并 并并并并	G	0.0002
JUL	29,83	JUL 2		***	***		0.57		*****		*****		****		*****		0.1318
JUL	30,83	JUL 2			.30		0.11		0.025		0.015		0.030		0.200		0.0191
AUG	1,83	JUL 3	1,83	0	.12		0.12		0.010		0.030		0.045		0.440		0.0661
AUG	7,83	AUG	6,83	0	.24		0.06		0.030		0.015	<t< td=""><td>0.010</td><td></td><td>0.132</td><td></td><td>0.0324</td></t<>	0.010		0.132		0.0324
AUG	9,83	AUG	8,83	U 2	.08		0.11	U	0.225		0.070		0.045		0.400	U	0.0001
AUG	12,83	AUG 1	1,83	0	.36		0.14		0.050		0.030		0.025		0.180		0.0407
AUG	18,83	AUG 1	7,83	0	.33		0.22		0.085		0.060		0.040		0.610		0.1660
AUG	21,83	AUG 2	0,83	0	.16		0.09		0.035		0.040		0.070		0.218		0.0355
AUG	28,83	AUG 2	7,83	0	.12		0.04		0.015		0.025	< T	0.010		0.280		0.0245
AUG	31,83	AUG 3	0,83	***	***		0.07		*****		*****		*****		0.860		0.0209
SEP	6,83	SEP	5,83	1	.06		0.34	G	0.235	6	0.265		0.080		1.590		0.2344
SEP	10,83	SEP	9,83	0	.62		0.23		0.085		0.100		0.120		0.174		0.0234
SEP	17,83	SEP 1	6,83	0	.29		0.29		0.055		0.030		0.145		0.440		0.0955
SEP	18,83	SEP 1	7,83	0	.25		0.07		0.010		0.025		0.040		0.146		0.0355
SEP	19,83	SEP 1	8,83	1	.05		0.19		0.145		0.120		0.060		0.660		0.0759
SEP	22,83	SEP 2	1,83	0	.11		0.05		0.010		0.045	<w< td=""><td>0.005</td><td></td><td>0.210</td><td></td><td>0.0347</td></w<>	0.005		0.210		0.0347
OCT	4,83	OCT	3,83	1	.24		0.29	U	0.235		0.070	< W	0.005		0.530		0.1000
OCT	5,83	OCT	4,83	0	.29		0.13		0.030		0.050	<w< td=""><td>0.005</td><td></td><td>0.600</td><td></td><td>0.0708</td></w<>	0.005		0.600		0.0708
OCT	6,83	OCT	5,83	<t 0<="" td=""><td>.02</td><td></td><td>0.03</td><td>< W</td><td>0.005</td><td><1</td><td>0.015</td><td><w< td=""><td>0.005</td><td></td><td>0.064</td><td></td><td>0.0195</td></w<></td></t>	.02		0.03	< W	0.005	<1	0.015	<w< td=""><td>0.005</td><td></td><td>0.064</td><td></td><td>0.0195</td></w<>	0.005		0.064		0.0195
OCT	8,83	OCT	7,83	***	***		0.39		*****		*****		共共共共共		*****		0.0631
OCT	9,83	OCT	8,83	0	.53		0.12		0.065		0.055	<w< td=""><td>0.005</td><td></td><td>0.430</td><td></td><td>0.0513</td></w<>	0.005		0.430		0.0513
OCT	12,83	OCT 1	1,83	***	***		****		*****		*****		*****		*****	G	0.0001
OCT	13,83	OCT 1	2,83	0	.04		0.16		0.010	<1	0.010	<w< td=""><td>0.005</td><td></td><td>0.054</td><td>G</td><td>0.0054</td></w<>	0.005		0.054	G	0.0054
OCT	14,83	OCT 1	3,83	0	.06	<w< td=""><td>0.01</td><td></td><td>0.010</td><td><1</td><td>r 0.015</td><td></td><td>0.015</td><td></td><td>0.104</td><td></td><td>0.0178</td></w<>	0.01		0.010	<1	r 0.015		0.015		0.104		0.0178
OCT	15,83	OCT 1		0	.14		0.04		0.015		0.040		0.060		0.204		0.0240
OCT	23,83	OCT 2	2,83	0	.24		0.21		0.045		0.090		0.200		*****		0.0447
OCT	24,83	OCT 2	3,83	0	.10		0.02		0.005	<1	0.015		0.025		0.092		0.0158
OCT	26,83	OCT 2	5,83	***	***		0.24		*****		*****		****		*****		0.0398
OCT	27,83	OCT 2	6,83	***	***	<w< td=""><td>0.01</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>0.102</td><td></td><td>0.0085</td></w<>	0.01		*****		*****		*****		0.102		0.0085
NOA	3,83	NOA	2,83	0	.19	<w< td=""><td>0.01</td><td></td><td>0.030</td><td></td><td>0.040</td><td></td><td>0.030</td><td></td><td>0.344</td><td></td><td>0.0447</td></w<>	0.01		0.030		0.040		0.030		0.344		0.0447
-NOA	4,83	NOA	3,83	0	.08	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.045</td><td></td><td>0.020</td><td></td><td>0.160</td><td></td><td>0.0123</td></w<>	0.01		0.010		0.045		0.020		0.160		0.0123
	11,83	NOV 1		***			0.12		*****		*****		*****		*****		0.0095
	21,83	NOV 2		0	. 05		0.12		0.010		0.025		0.050		0.234		0.0389
NOV	24,83	NOV 2			.54		****		0.070		0.075		0.250		0.276		0.1148
	29,83	NOV 2			.10		0.07		0.015		0.030		0.025		0.134		0.0245
DEC	3,83		2,83		.72		0.50	G	0.120		0.115		0.240		0.720		0.0407
DEC	5,83		4,83		.23		0.13	-	0.030		0.025		0.045	<t< td=""><td>0.002</td><td></td><td>0.0089</td></t<>	0.002		0.0089
			30.00		101-101-101-1										M		

STATION NAME : WHITMAN CREEK/DAILY/AEROCHEM #09

	IOVAL		POSURE	SAMP		PRE	CIP	SAMPLE	GAUGE DEPTH(MM)	GAUGE TYPE	SAMPLE	PROJECT CODE	SUBPROJECT CODE	SAMPLER EFFICI-	COMM FIELD	ENTS OFFICE	
L	ATE		DATE		HR.		HR.	01-RAIN	DEPIN(NA)	O1-STD.	HUIJBER	02-APIOS	01-MOE	ENCY	LIELD	OFFICE	
				HR.	mc.	HR.	nic.	OT-KAIM		01-210.		02-AP103	OT-NOE	ENCI			
								02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)			
							03-	COMP/04-0	THER								
DEC	6,83	DEC	5,83	800	800	1700	800	3	10.2	2	22266	2	1	U 4	EFI	N	
DEC	7,83	DEC	6,83	800	800	830	400	3	12.8	2	22267	2	1	****	EFI		
DEC	13,83	DEC	12,83	800	800	400	2300	3	6.2	2	22268	2	1	****	EF.		
DEC	22,83	DEC	21,83	800	800	2000	800	2	4.6	2	22269	2	1	***	EF		
DEC	23,83	DEC	22,83	800	800	800	1800	3	4.0	2	22270	2	1	****	EF		

S	TATI	ON NAME :	WHITMAN CREEK/DAI	LY/AEROCHEM	#09			PAGE: 8	
REMOVA	AL	EXPOSURE	VOLUME	CONDUCT.	РН	PH	TOTAL H+	SULPHATE	NITRATE
DATE	E	DATE			FIELD	LAB	TO PH8.3		AS N
			ML	UMHO/CM			MG/L	MG/L	MG/L
DEC 6	,83	DEC 5,83	28.0	****	****	4.11	0.0988	6.00	1.28
DEC 7	,83	DEC 6,83	*****	*****	*****	****	*****	*****	*****
DEC 13	,83	DEC 12,83	*****	*****	*****	*****	****	****	*****
DEC 22	,83	DEC 21,83	*****	*****	****	*****	****	****	*****
DEC 23	.83	DEC 22,83	*****	*****	*****	*****	****	*****	*****

SIAII	ON NAME : WHI	IMAN CREEK/DAI	LY/AEROCHEM	#09			PAGE : 9	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
		MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
DEC 6,83	DEC 5,83	*****	0.27	****	*****	****	*****	0.0776
DEC 7,83	DEC 6,83	*****	*****	*****	*****	*****	*****	*****
DEC 13,83	DEC 12,83	*****	*****	****	*****	*****	*****	*****
DEC 22,83	DEC 21,83	*****	*****	*****	*****	*****	*****	****
DEC 23,83	DEC 22,83	*****	*****	*****	*****	*****	*****	*****

PART VI

NORTHWESTERN REGION DAILY PRECIPITATION CHEMISTRY LISTINGS

STATION NAME : FERNBERG/DAILY/AEROCHEM #16

SINII	UN NAME . F	EKNDERG/ DAI	LI/ AERUCHEN		#10				PAG			
REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END HR. HR.	PRECIP START/END HR. HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM) THER	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		DENTS OFFICE
JAN 5,83	JAN 4,83	830 830	900 1000	2	2.1	2	32074	2	1	26	С	N
JAN 6,83	JAN 5,83	830 830	900 1200	2	5.9	2	32075	2	1	79	CQ	14
JAN 10,83	JAN 9,83	830 1100	2300 1030	2	12.9	2	32076	2	ī	78	D	
JAN 13,83	JAN 12,83	830 830	100 830	2	9.3	2	32077	2	î	42	C	N
JAN 14,83	JAN 13,83	830 830	830 1200	2	2.5	2	32078	2	1	48	D	N
JAN 29,83	JAN 28,83	830 830	1200 600	2	15.7	2	32079	2	1	74	DC	
FEB 9,83	FEB 8,83	830 830	1100 300	2	1.9	2	32080	2	1	68	D	
FEB 19,83	FEB 18,83	830 830	1700 2400	2	10.9	2	32081	2	1	92	D	
FEB 27,83	FEB 26,83	830 830	1100 1700	1	2.7	2	32082	2	1	51	D	
MAR 4,83	MAR 3,83	830 830	1200 1500	2	5.1	2	32083	2	1	101		
MAR 5,83	MAR 4,83	830 830	2400 200	2	1.3	2	32084	2	1	69	C	
MAR 15,83	MAR 14,83	830 830	1100 1500	3	0.6	2	32085	2	1	70		
MAR 17,83	MAR 16,83	830 830	100 300	2	1.6	2	32086	2	1	99	CD	
MAR 31,83	MAR 30,83	830 830	830 830	3	1.7	2	32087	2	1	. 29	C	N
APR 1,83	MAR 31,83	830 830	1200 1500	2	3.3	2	32088	2	1	70	C	
APR 7,83	APR 6,83	830 830	300 600	2	6.6	2	32089	2	1	29	CD	N
APR 15,83	APR 14,83	830 830	1000 1800	2	22.9	2	32090	2	1	3	CD	N
APR 17,83	APR 16,83	830 830	1300 830	3	1.5	2	32091	2	1	148	CD	И
APR 27,83	APR 26,83	830 830	**** ****	1	0.1	1	32093	2	1	****	EK	
APR 29,83	APR 28,83	830 830	1800 2000	1	5.0	2	32092	2	1	82	CD	
MAY 10,83	MAY 9,83	830 830	300 500	1	****	1	32094	2	1	****	CD	
MAY 13,83	MAY 12,83	830 830	300 600	1	12.2	1	32095	2	1	72	D	HM
MAY 18,83	MAY 17,83	830 830	**** ***	1	4.1	1	32096	2	1	98	D	
MAY 19,83	MAY 18,83 MAY 21,83	830 830 830 830	830 1200 **** ****	1	4.0	1 1	32097 32098	2	1	98 96	D CD	
MAY 22,83 MAY 29,83	MAY 28,83	830 830	**** ****	1	21.2	1	32099	2	1	97	D	Н
MAY 30,83	MAY 29,83	830 830	**** ****	1	2.9	î	32100	2	1	53	D	п
JUN 11,83	JUN 10,83	830 ***	**** 45	î	19.4	î	32103	2	î	36	ACD	
JUN 13,83	JUN 12,83	830 830	**** ****	1	6.5	1	32104	2	î	101	CD	Н
-JUN 16,83	JUN 15,83	830 830	1300 1430	1	28.0	1	32101	2	1	95	D	Н
JUN 22,83	JUN 21,83	830 830	600 715	1	1.8	1	32102	2	1	71	D	
JUL 1,83	JUN 30,83	830 830	1800 2000	1	9.0	1	32105	2	1	U 37	DG	Н
JUL 3,83	JUL 2,83	830 830	**** ****	1	18.0	1	32106	2	1	37	D	NH
JUL 4,83	JUL 3,83	830 830	2400 730	1	48.3	1	32107	2	1	111	D	
JUL 14,83	JUL 13,83	830 830	200 700	1	15.8	1	32108	2	1	39	CD	ИН
JUL 30,83	JUL 29,83	800 800	2200 2400	1	8.1	1	32109	2	1	87	CD	
AUG 1,83	JUL 30,83	800 800	1000 1200	1	10.2	1	32110	2	1	91	CD	Y2
_AUG 3,83	AUG 2,83	830 830	1100 1300	1	8.0	1	32111	2	1	78	CD	
AUG 8,83	AUG 7,83	830 830	200 300	1	0.1	1	32112	2	1	***	E	
AUG 10,83	AUG 9,83	830 830	300 500	1	15.0	1	32113	2	1	102	D	

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

STAT	ION NAME : FE	RNBERG/DAILY/A	EROCHEM	#16			PAGE : 2	
REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE	III TO CONTRACTOR (CONTRACTOR)		FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
JAN 5,83	JAN 4,83	36.0	*****	*****	4.66	0.0442	0.35	0.27
JAN 6,83	JAN 5,83	300.0	5.2	*****	5.04	0.0362	0.15	0.13
JAN 10,83	JAN 9,83	648.0	9.5	*****	4.70	0.0462	0.40	0.27
JAN 13,83	JAN 12,83	253.0	7.5	*****	4.75	0.0404	0.30	0.21
JAN 14,83	JAN 13,83	77.0	****	*****	4.81	0.0386	0.25	0.19
JAN 29,83	JAN 28,83	750.0	13.3	*****	4.53	0.0524	1.05	0.28
FEB 9,83	FEB 8,83	84.0	****	*****	*****	*****	1.00	0.97
FEB 19,83	FEB 18,83	644.0	9.1	*****	4.91	0.0348	0.65	0.26
FEB 27,83	FEB 26,83	89.0	****	*****	5.13	0.0502	0.65	0.24
MAR 4,83	MAR 3,83	333.0	21.7	*****	G 6.80	0.0294	3.35	0.79
MAR 5,83	MAR 4,83	58.0	*****	*****	*****	*****	3.60	0.82
MAR 15,83	MAR 14,83	27.0	*****	*****	4.93	0.0302	1.05	0.13
MAR 17,83	MAR 16,83	102.0	*****	*****	G 6.30	0.0146	0.10	0.05
HAR 31,83	MAR 30,83	32.0	****	*****	5.19	0.0296	1.35	0.42
APR 1,83	MAR 31,83	150.0	*****	*****	4.32	G 0.1526	2.95	0.56
APR 7,83		123.0	*****	*****	5.12	0.0280	0.40	0.12
APR 15,83	APR 14,83	56.0	****	****	5.01	0.0304	0.90	0.12
APR 17,83	APR 16,83	143.0	****	****	4.69	0.0420	1.70	0.10
APR 27,83	APR 26,83	*****	*****	****	*****	*****	*****	****
APR 29,83	APR 28,83	263.0	19.3	*****	U 7.07	0.0224	2.70	U 0.48
MAY 10,83	MAY 9,83	27.0	*****	*****	5.94	0.0264	*****	*****
MAY 13,83	MAY 12,83	569.0	2.2	*****	U 6.04	0.0178	<t 0.05<="" td=""><td><w 0.01<="" td=""></w></td></t>	<w 0.01<="" td=""></w>
MAY 18,83	MAY 17,83	259.0	18.1	*****	4.54	0.0532	1.60	0.19
MAY 19,83	MAY 18,83	253.0	18.4	*****	4.55	0.0532	1.55	0.19
MAY 22,83	MAY 21,83	279.0	7.8	*****	U 6.66	0.0348	0.90	0.21
MAY 29,83	MAY 28,83	1321.0	7.3	*****	5.23	0.0270	0.75	0.09
MAY 30,83	MAY 29,83	99.0	****	*****	*****	*****	1.40	0.03
JUN 11,83	JUN 10,83	458.0	7.4	****	6.17	0.0170	0.95	0.24
JUN 13,83	JUN 12,83	423.0	16.0	*****	5.17	0.0290	2.95	0.45
JUN 16,83	JUN 15,83	1711.0	8.7	****	5.12	0.0268	1.15	0.14
JUN 22,83	JUN 21,83	83.0	*****	*****	U 6.05	0.0254	G 5.05	G 0.88
_JUL 1,83	JUN 30,83	215.0	5.6	*****	5.33	0.0202	0.60	0.12
JUL 3,83		431.0	5.6	*****	5.28	0.0204	0.60	0.12
JUL 4,83	JUL 3,83	3443.0	5.7	*****	5.28	0.0202	0.55	0.12
JUL 14,83		404.0	8.6	*****	5.69	0.0240	1.25	0.19
JUL 30,83	JUL 29,83	456.0	7.1	*****	5.09	0.0272	0.50	0.16
AUG 1,83	JUL 30,83	598.0	6.8	*****	5.22	0.0262	0.50	0.16
AUG 3,83		405.0	16.0	*****	5.66	0.0258	2.00	0.70
AUG 8,83	AUG 7,83	*****	*****	*****	*****	*****	****	*****
AUG 10,83	AUG 9,83	989.0	5.0	*****	5.26	0.0236	0.40	0.07

STAT	ION NAME : F	ERNBERG/DAILY/A	EROCHEM	#16			PAGE: 3	
REMOVAL	EXPOSURE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+ LAB
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
JAN 5,83	JAN 4,83	*****	*****	*****	*****	*****	*****	0.0219
JAN 6,83		<t 0.02<="" td=""><td>0.06</td><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.076</td><td>0.0091</td></t></td></t></td></w></td></t>	0.06	<w 0.005<="" td=""><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.076</td><td>0.0091</td></t></td></t></td></w>	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>0.076</td><td>0.0091</td></t></td></t>	<t 0.010<="" td=""><td>0.076</td><td>0.0091</td></t>	0.076	0.0091
JAN 10,83		<w 0.01<="" td=""><td>0.05</td><td>0.005</td><td>0.015</td><td><t 0.005<="" td=""><td>0.092</td><td>0.0200</td></t></td></w>	0.05	0.005	0.015	<t 0.005<="" td=""><td>0.092</td><td>0.0200</td></t>	0.092	0.0200
JAN 13,83		0.07	0.10	0.020	0.015	0.025	0.016	0.0178
JAN 14,83		*****	0.10	****	****	*****	****	0.0155
JAN 29,83		0.03	0.10	<t 0.005<="" td=""><td>0.020</td><td>0.030</td><td>0.264</td><td>0.0295</td></t>	0.020	0.030	0.264	0.0295
FEB 9,83		0.11	0.08	0.015	0.025	0.030	*****	*****
FEB 19,83		0.06	0.07	0.010	0.010	<w 0.005<="" td=""><td>0.180</td><td>0.0123</td></w>	0.180	0.0123
FEB 27,83		0.17	0.05	0.025	U 0.160	U 0.165	*****	0.0074
MAR 4,83		0.25	0.10	0.020	0.035	0.040	1.890	G 0.0002
MAR 5,83	MAR 4,83	*****	0.30	****	*****	*****	1.940	*****
MAR 15,83		*****	0.25	****	*****	*****	*****	0.0117
MAR 17,83		0.06	0.07	0.010	0.020	0.050	*****	G 0.0005
MAR 31,83		*****	0.25	*****	*****	*****	*****	0.0065
APR 1,83		0.12	0.10	0.020	0.030	0.030	0.392	0.0479
APR 7,83		0.11	0.08	0.015	0.030	0.030	0.056	0.0076
APR 15,83		*****	0.08	*****	*****	*****	*****	0.0098
APR 17,83		0.10	0.23	0.015	0.050	G 0.135	0.112	0.0204
APR 27,83		*****	*****	*****	*****	*****	*****	****
APR 29,83		U 1.37	0.10	U 0.100	0.080	0.055	U 1.070	U 0.0001
MAY 10,83		*****	*****	*****	*****	*****	*****	0.0011
MAY 13,83		0.04	0.21	0.005	0.075	U 0.215	0.124	U 0.0009
MAY 18,83		0.07	0.05	0.015	0.030	0.020	0.220	0.0288
MAY 19,83		0.07	0.05	0.015	0.030	0.025	0.220	0.0282
MAY 22,83		0.16	0.03	0.045	0.040	0.020	0.620	U 0.0002
MAY 29,83		0.07	0.03	0.010	0.045	0.055	0.220	0.0059
MAY 30,83		0.05	0.08	0.010	0.075	0.045	0.166	*****
JUN 11,83		0.18	0.16	0.030	0.060	0.040	0.430	0.0007
JUN 13,83		0.54	0.29	0.095	0.120	0.125	0.660	0.0068
JUN 16,83		0.10	0.17	0.020	0.075	D 0.035	0.206	0.0076
JUN 22,83		*****	U 0.43	*****	*****	*****	*****	U 0.0009
-JUL 1,83		0.08	0.15	0.010	0.035	0.040	0.136	0.0047
JUL 3,83		0.06	0.13	0.010	0.020	0.020	0.148	0.0052
JUL 4,83		0.08	0.12	0.010	0.100	0.115	0.142	0.0052
JUL 14,83		0.32	0.06	0.040	0.090	0.065	0.430	0.0020
JUL 30,83		0.07	0.04	0.025	0.050	0.030	0.106	0.0081
AUG 1,83		0.10	0.04	0.035	0.060	0.030	0.118	0.0060
AUG 3,83		U 0.52	U 0.21	0.085	0.095	0.100	0.830	0.0022
AUG 8,83		*****	*****	*****	*****	*****	*****	*****
AUG 10,83		0.05	0.02	<w 0.005<="" td=""><td>0.020</td><td><w 0.005<="" td=""><td>0.124</td><td>0.0055</td></w></td></w>	0.020	<w 0.005<="" td=""><td>0.124</td><td>0.0055</td></w>	0.124	0.0055
= AUG 10,02	7,03	0.03	30.75.30.76		Section Control	4000 400000 FR TO		

DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

ONTARIO MINISTRY OF THE ENVIRONMENT

STATION NAME : FERNBERG/DAILY/AEROCHEM #16

	SINII	ON NAME .	LEKNOLI	O/ DAI	LIZALI	COCHE		*10				FAC	HE . 4		
	IOVAL DATE	EXPOSURE DATE	SAMP START HR.		START	CIP /END HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)		ENTS OFFICE
						03-	COMP/04-0	THER	or mirmen		OJ OF LOTAL	OJ ALO	(**)		
						03	001117010	THERE							
AUG	11,83	AUG 10,83	830	830	830	1100	1	1.0	1	32114	2	1	****	E	
AUG	14,83	AUG 13,83	830	830	900	1300	1	6.7	1	32116	2	1	76	ACD	
AUG	20,83	AUG 19,83	830	830	200	300	1	28.4	1	32117	2	1	93	ACD	
AUG	21,83	AUG 20,83	830	830	300	400	1	7.8	1	32118	2	1	98	CD	
AUG	24,83	AUG 23,83	830	830	200	400	1	29.4	1	32119	2	1	108	C	
AUG	25,83	AUG 24,83	830	830	200	400	1	11.2	1	32120	2	1	116	CD	Н
	27,83			830	2200		1	8.8	1	32121	2	1	75	С	HM
	30,83	AUG 29,83		830		1100	1	7.0	1	32122	2	1	92	ACD	
	4,83	SEP 3,83		830		1030	1	4.1	1	32123	2	1	81	D	
SEP	5,83	SEP 4,83		830	1900		1	2.6	1	32124	2	1	87	CD	С
SEP	6,83	SEP 5,83	830	830	2400	730	1	6.8	1	32125	2	1	97	С	HM
	9,83	SEP 8,83	830	830	2330	400	1	90.6	1	32126	2		U 8	Н	N
	10,83	SEP 9,83		830	300	800	1	17.2	1	32127	2	1	83		HM
	15,83	SEP 14,83 SEP 15,83		830 830	1200 1200		1 1	2.0 10.0	1	32128 32129	2 2	1	56	С	
	18,83	SEP 17,83		830	1800		1	5.2	1 1	32130	2	1	101	С	
	23,83	SEP 22,83		830	1000		1	7.0	1	32136	2	1	100 106		С
	29,83	SEP 28,83		830	200	600	1	14.4	1	32137	2	1	99	AD CD	
	30,83	SEP 29,83		830	200	600	1	24.2	1	32138	2	1	105	CD	
	1,83	SEP 30,83		900	400	845	1	7.2	î	32139	2	î	99	CD	
	3,83	OCT 2,83		900	600	830	ī	13.4	ī	32140	2	ī	96	CD	н
OCT	4,83	OCT 3,83		830	****		1	0.2	1	32141	2	ī	***	E	
OCT	5,83	OCT 4,83		830	1200	400	1	13.2	1	32142	2	1	90		
OCT	6,83	OCT 5,83	830	830	2300	2340	1	0.5	1	32143	2	1	****	E	
OCT	8,83	OCT 7,83	830	830	830	1130	1	10.2	1	32144	2	1	89		С
OCT	11,83	OCT 10,83	830	830	1000	1300	1	18.0	1	32145	2	1	93	C	
OCT	14,83	OCT 13,83	830	830	****	2230	3	12.4	1	32146	2	1	53	C	HCM
	16,83			830	1600	1830	1	20.0	2	32147	2	1	87	CQ	C
	10,83	NOV 9,83		830	2400	600	2	2.5	2	32148	2	1	26	C	N
	19,83	NOV 18,83		830	****		3	****	2	32149	2	1	****	C	
	20,83	NOV 19,83		830	1900		3	23.5	2	32150	2	1	84		
	21,83	NOV 20,83		900	1100		3	10.6	2	32152	2	1	65	C	
	24,83	NOV 23,83		900	****		2	35.2	2	32153	2	-	U 0	IM	
	29,83	NOV 28,83		830	****		2	14.7	2	32154	2	1	47	CD	N
	11,83	DEC 10,83		830		1400	2	15.4	2	32155	2	1	11	D	И
DEC	14,83	DEC 13,83	830	830	830	1400	2	0.1	2	32156	2	1	****	E	

STA	TION NAME :	FERNBERG/DAIL	Y/AEROCHEM	#16				PAGE: 5		
REMOVAL DATE	EXPOSUR DATE	E VOLUME	CONDUCT	. PH FIELD		PH LAB	TOTAL H+ TO PH8.3	SULPHATE)	NITRATE AS N
		ML	UMHO/C	М			MG/L	MG/L		MG/L
AUG 11,8			*****	*****		****	****	*****	8	*****
AUG 14,8			10.8	*****	G	6.82	0.0212	1.15		0.39
AUG 20,8	33 AUG 19,8		8.3	*****	G	6.74	0.0170	1.05		0.22
AUG 21,8			10.4	*****	G	6.84	0.0160	1.60		0.27
AUG 24,8			5.9	*****		5.37	0.0240	0.65		0.09
AUG 25,8	33 AUG 24,8	3 836.0	****	****		5.83	0.0216	0.65		0.15
AUG 27,8	33 AUG 26,8	3 424.0	8.0	*****		5.08	0.0290	0.60		0.14
AUG 30,8	33 AUG 29,8	3 415.0	8.5	*****	G	6.24	0.0208	1.30		0.33
SEP 4,8	33 SEP 3,8	3 215.0	14.1	*****		4.93	0.0362	2.10		0.46
SEP 5,8	33 SEP 4,8	3 146.0	3.4	*****	G	6.41	0.0160	0.30	<w< td=""><td>0.01</td></w<>	0.01
SEP 6,8	33 SEP 5,8	3 427.0	3.4	****		5.58	0.0202	0.25		0.06
SEP 9,8	33 SEP 8,8	3 470.0	4.5	****	G	6.44	0.0172	0.60		0.12
SEP 10,8	33 SEP 9,8	3 916.0	4.5	*****		5.32	0.0232	0.30		0.11
SEP 15,8	33 SEP 14,8	3 72.0	10.8	****		4.77	0.0382	1.35	<w< td=""><td>0.01</td></w<>	0.01
SEP 16,8	33 SEP 15,8	3 652.0	10.0	****		4.73	0.0396	0.75		0.16
SEP 18,8	33 SEP 17,8	3 334.0	16.3	****		4.65	0.0462	2.05		0.39
SEP 23,8	33 SEP 22,8	3 479.0	4.5	*****		5.97	0.0202	0.60		0.02
SEP 29,8	33 SEP 28,8	3 915.0	9.0	*****		5.42	0.0242	1.30		0.18
SEP 30,8	33 SEP 29,8	3 1642.0	9.3	****	U	6.48	0.0236	1.65		0.23
OCT 1,8		3 457.0	11.2	*****		5.36	0.0242	1.65		0.27
OCT 3,8	33 OCT 2,8	3 827.0	8.2	*****		5.75	0.0208	1.05		0.19
OCT 4,8			*****	****		*****	*****	****		*****
OCT 5,8	33 OCT 4,8	3 762.0	5.1	****		5.77	0.0204	0.65		0.09
OCT 6,8	33 OCT 5,8	3 *****	*****	*****		*****	****	*****	9	*****
OCT 8,8	33 OCT 7,8	3 583.0	5.0	****		5.54	0.0190	0.40		0.08
OCT 11,8	33 OCT 10,8	3 1077.0	11.8	*****		4.79	0.0384	1.20		0.18
OCT 14,8	The second second		4.5	*****		5.43	0.0216	0.25		0.09
OCT 16,8	33 OCT 15,8	3 1125.0	8.5	*****		5.06	0.0272	0.90		0.10
NOV 10,8			*****	*****		5.62	0.0184	0.25		0.13
NOV 19,8		3 42.0	*****	*****		5.12	0.0262	0.90		0.24
NOV 20,8			16.5	*****		4.57	0.0438	1.40		0.26
-NOV 21,8			10.5	*****		4.75	0.0342	0.95		0.08
NOV 24,8			*****	*****	U	7.38	0.0144	*****	8	*****
NOV 29,8			5.5	*****		5.38	0.0212	0.35		0.07
DEC 11,8			****	*****		5.34	0.0228	*****	9	*****
DEC 14,8	전기() 및소영(()) [10] () () - () - () - () - () - () - (*****	*****		*****	****	*****		*****
200 2170										00001101011157

	STATI	ON N	AME : F	ERNBERG/DAIL	LY/AEROCH	IEM	#16							P	AGE: 6		
100000	10VAL	100000	POSURE	CALCIUM	1	CHLORIDE		MAGNESI	М		POTASSIM	V.	SODIUM		AMMONIUM AS N		FREE H+
				MG/L		MG/L		MG/L			MG/L		MG/L		MG/L		MG/L
	11,83		10,83	*****		*****		*****			*****		****		*****		*****
AUG	14,83	AUG	13,83	0.51		0.07		0.075			0.055	<1			0.690	-	0.0002
AUG	20,83	AUG	19,83	0.28		0.03		0.045			0.035	<1	2000 2000 2000		0.520	376	0.0002
AUG	21,83	AUG	20,83	0.59		0.08		0.085			0.045		0.040		0.520	G	0.0001
AUG	24,83	AUG	23,83	0.06		0.06		0.010			0.050		0.060		0.194		0.0043
AUG	25,83	AUG	24,83	0.11		0.04		0.010			0.060		0.040		0.340		0.0015
AUG	27,83	AUG	26,83	0.13		0.05		0.015			0.035		0.030		0.236		0.0083
AUG	30,83	AUG	29,83	0.19		0.11		0.030			0.065	U	0.100		0.670	G	0.0006
SEP	4,83	SEP	3,83	0.43		0.08		0.050			0.065		0.020		0.490		0.0117
SEP	5,83	SEP	4,83	0.14		0.04		0.020			0.025		0.020		0.210	G	0.0004
SEP	6,83	SEP	5,83	0.07		0.03		0.010		<t< td=""><td>0.010</td><td><t< td=""><td>0.005</td><td></td><td>0.148</td><td></td><td>0.0026</td></t<></td></t<>	0.010	<t< td=""><td>0.005</td><td></td><td>0.148</td><td></td><td>0.0026</td></t<>	0.005		0.148		0.0026
SEP	9,83	SEP	8,83	0.26	<w< td=""><td>0.01</td><td></td><td>0.040</td><td></td><td></td><td>0.035</td><td></td><td>0.045</td><td></td><td>0.300</td><td>G</td><td>0.0004</td></w<>	0.01		0.040			0.035		0.045		0.300	G	0.0004
SEP	10,83	SEP	9,83	0.11	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td><t< td=""><td>0.010</td><td></td><td>0.015</td><td></td><td>0.172</td><td></td><td>0.0048</td></t<></td></w<>	0.01		0.010		<t< td=""><td>0.010</td><td></td><td>0.015</td><td></td><td>0.172</td><td></td><td>0.0048</td></t<>	0.010		0.015		0.172		0.0048
SEP	15,83	SEP	14,83	0.10		0.06		0.015			0.050		0.045		0.128		0.0170
SEP	16,83	SEP	15,83	0.04	<w< td=""><td>0.01</td><td></td><td>0.005</td><td></td><td></td><td>0.025</td><td><t< td=""><td>0.010</td><td></td><td>0.136</td><td></td><td>0.0186</td></t<></td></w<>	0.01		0.005			0.025	<t< td=""><td>0.010</td><td></td><td>0.136</td><td></td><td>0.0186</td></t<>	0.010		0.136		0.0186
SEP	18,83	SEP	17,83	0.22		0.03		0.025			0.035	<t< td=""><td>0.010</td><td></td><td>0.510</td><td></td><td>0.0224</td></t<>	0.010		0.510		0.0224
SEP	23,83	SEP	22,83	0.03	<w< td=""><td>0.01</td><td></td><td>0.005</td><td></td><td></td><td>0.020</td><td></td><td>0.030</td><td></td><td>0.234</td><td></td><td>0.0011</td></w<>	0.01		0.005			0.020		0.030		0.234		0.0011
SEP	29,83	SEP	28,83	0.15		0.14		0.020			0.070	D	0.040	D	0.360		0.0038
SEP	30,83	SEP	29,83	0.23	<w< td=""><td>0.01</td><td></td><td>0.030</td><td></td><td></td><td>0.125</td><td></td><td>0.075</td><td>U</td><td>0.600</td><td>U</td><td>0.0003</td></w<>	0.01		0.030			0.125		0.075	U	0.600	U	0.0003
OCT	1,83	SEP	30,83	0.42		0.09		0.035			0.055		0.110		0.356		0.0044
OCT	3,83	OCT	2,83	0.16		0.15		0.015			0.050		0.045		0.348		0.0018
OCT	4,83	OCT	3,83	****		*****		*****			*****		*****		*****		*****
OCT	5,83	OCT	4,83	0.09	<w< td=""><td>0.01</td><td></td><td>0.015</td><td></td><td></td><td>0.035</td><td></td><td>0.030</td><td></td><td>0.220</td><td></td><td>0.0017</td></w<>	0.01		0.015			0.035		0.030		0.220		0.0017
OCT	6,83	OCT	5,83	*****		*****		*****			*****		*****		****		*****
OCT	8,83	OCT	7,83	0.07		0.07		0.010			0.025		0.025		0.112		0.0029
OCT	11,83	OCT	10,83	0.06	<w< td=""><td>0.01</td><td></td><td>0.015</td><td></td><td></td><td>0.030</td><td></td><td>0.025</td><td></td><td>0.170</td><td></td><td>0.0162</td></w<>	0.01		0.015			0.030		0.025		0.170		0.0162
	14,83		13,83	0.05	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td><t< td=""><td>0.015</td><td></td><td>0.015</td><td></td><td>0.010</td><td></td><td>0.0037</td></t<></td></w<>	0.01		0.010		<t< td=""><td>0.015</td><td></td><td>0.015</td><td></td><td>0.010</td><td></td><td>0.0037</td></t<>	0.015		0.015		0.010		0.0037
	16,83		15,83	0.09	<w< td=""><td>0.01</td><td></td><td>0.015</td><td></td><td></td><td>0.060</td><td></td><td>0.020</td><td></td><td>0.090</td><td></td><td>0.0087</td></w<>	0.01		0.015			0.060		0.020		0.090		0.0087
	10,83		9,83	****		0.15		*****			*****		*****		*****		0.0024
	19,83		18,83	*****	U	0.46		****			*****		*****		*****		0.0076
	20,83		19,83	0.15		0.07		0.015		<t< td=""><td>0.010</td><td></td><td>0.025</td><td></td><td>0.080</td><td></td><td>0.0269</td></t<>	0.010		0.025		0.080		0.0269
NOV			20,83	0.06		0.05		0.010			0.025		0.030		0.024		0.0178
	24,83		23,83	****		*****		****			*****		*****		*****	U	0.0000
	29,83		28,83	0.08		0.10		0.015			0.020		0.055		****		0.0042
	11,83		10,83	*****		*****		****			*****		*****		****		0.0046
	14,83		13,83	*****		*****		****			*****		*****		****		****

STATION NAME	: FORBES	TWSP/DAILY/AEROCHEM	#13	
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STATION NAME : FORBES TWSP/DAILY/AEROCHEM					HEM	#13				PAG	GE : 1					
	MOVAL DATE		POSURE	START	LING /END HR.	START	HR.	SAMPLE TYPE 01-RAIN 02-SNOW COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES			MENTS OFFICE
							0.5	COMP/ 04-0	THER							
JAN	16,83	JAN	15,83	830	800	300	800	2	0.3	2	33707	2	1	***	E	
	24,83			900	900	1000	1600	2	0.5	2	33709	2	1	56	D	
FEB	12,83	FEB	11,83	830	830	830	300	2	2.1	2	33717	2	1	175	C	N
FEB	28,83	FEB	27,83	830	***	830	830	3	6.8	2	33725	2	1	68	D	
MAR	2,83	MAR	1,83	830	830	1200	830	2	0.5	2	33730	2	1	****	KEI	
MAR	3,83	MAR	2,83	830	830	1200	830	2	0.6	2	33732	2	1	***	EIK	
MAR	5,83	MAR	4,83	830	830	830	830	1	0.3	2	33735	2	1	****	E	22
MAR		MAR		830	830	830	830	1	0.4	2	33737	2	1	202	D	N
MAR		MAR		830	830	1500	830	1	6.3	2	33739	2	1	95	D	
MAR		MAR		830	830	830	830	1	1.1	2	33741	2	1	127	D	N
MAR			8,83	830	830	1600	830	2	1.1	2	33743	2	1	U 22	FL	
	14,83			830	830	1500	730	3	0.9	2	33745	2	1	98	D	
	17,83			830	830		1300	3	0.4	2	33747	2 2	1	15 ****	E IK	N
	18,83			830	830	1500		2	2.3	2	33749 33751	2	1	62	C	
	31,83			830	830	830	300	3	1.0	2	33754	2	1	***	E	
	1,83			830	830		830	1 3	3.3 0.3	2	33755	2	1	119	L	
	2,83			830		1100	1200	3	7.2	2	33758	2	1	96	CD	
	11,83		10,83	830	830 830	300	830	2	1.5	2	33759	2	î	12	D	N
	13,83			830	830	830	830	2	9.7	2	33761	2	1	51	D	
	14,83		13,83	830	800	1630		1	3.0	1	33765	2	1	100	D	HM
	29,83		28,83	800	800	2030		3	2.0	1	33766	2	1	91	D	н
	4,83			830	830	2200	700	3	5.0	1	33767	2	1	101	D	
	13,83			830	830	2400	800	1	0.6	î	33768	2	1	38	D	N
	19,83			800	800	1400		î	1.0	1	33771	2	1	65	CD	
	20,83			800	800	1730		1	0.2	1	33772	2	1	31	DE	N
	21,83			800	800	1730		1	3.8	1	33773	2	1	96	D	HM
	22,83			800	800	300	600	1	0.3	1	33774	2	1	36	DE	N
	23,83			800	800	1300		1	5.8	1	33775	2	1	98	CD	
	24,83			800	830	300	830	1	2.0	1	33776	2	1	96	CD	Н
	28,83			800	800	300	600	1	0.1	1	33787	. 2	1	张张张	EK	
	29,83			800	800	900	700	1	27.2	1	33788	2	1	104	D	C
	30,83			800	830	900	1130	1	1.3	1	33789	2	1	64	D	
	31,83			830	800	830	2100	1	1.2	1	33790	2	1	63	CD	
	3,83		2,83	800	800	1530	1630	1	1.6	1	33791	2	1	86	CD	
	4,83		3,83	800	930	2300	930	1	17.2	1	33792	2	1	100	D	
JUN	5,83	JUN	4,83	930	930	930	1800	1	11.0	1	33793	2	1	93	D	М
JUN	6,83	JUN	5,83	930	900	1100	1130	1	0.7	1	33794	2	1	80	D	
JUN		JUN	8,83	830	830	1800	1930	1	2.4	1	33807	2	1	94	D	Н
JUN	11,83	JUN	10,83	830	830	2030	2100	1	0.2	1	33809	2	1	****	EK	

REHOVAL EXPOSURE DATE		STATI	ON N	AME : I	FORBES TWSP/D	AILY/AE	ROCHEM	#13								PAGE :	2		
ML UMHO/CM женее женее менее менеее менеее менееее менеееееееееееееее	R				VOLUME	Ē	CONDUCT.		PH		P	Н		TOTAL H	1+	SULPHA	TE	1	NITRATE
JAN 16,83 JAN 15,83 жежее		DATE	1	DATE					FIELD		LA	AB.		TO PH8.	3				AS N
JAN 24,65 JAN 23,65 18.0 ***********************************					ML		UMHO/CM							MG/L		MG/L			MG/L
FEB 12,83 FEB 11,83 226.0 12.4 ЖИМИНИ 4.45 0.0592 0.70 0.24 FEB 28,83 FEB 27,85 30.0 26.0 ЖИМИНИ 4.5 0.0638 2.05 0.70 MAR 2,83 MAR 1,83 MAR 1,83 МАR 1,83 МAR 1,83 MAR 1,83 M	JAI	16,83	JAN	15,83	*****		*****		*****		***	* *		*****		*****		3	*****
FEB 28,83 FEB 27,83 300.0 26.0 無체料和料 4.45 0.0638 2.05 0.70 MAR 2,03 MAR 1,85 א라바지차 ************************************	JAI	1 24,83	JAN	23,83	18.0		*****		*****		4.	47		0.0604		*****		3	*****
MAR 2,83 MAR 1,83 %************************************	FE	3 12,83	FEB	11,83	236.0		12.4		*****		4.	46		0.0592		0.70			0.24
MAR 3,83 MAR 2,83 MAR 4,83 ЖКИЖИЖ ЖКЖЖИЖ ЖКЖЖЖЖ ЖЖЖЖЖЖ ЖКЖЖЖЖЖ ЖКЖЖЖЖЖ ЖЖЖЖЖЖ ЖЖЖЖЖЖ ЖЖЖЖЖЖ ЖЖЖЖЖЖ	FEI	3 28,83	FEB	27,83	300.0		26.0		*****		4.	45		0.0638		2.85			0.70
MAR 5.83 MAR 4,83 жежным жыжным	MAI	2,83	MAR	1,83	*****		****		****		***	**		*****		*****		3	*****
MAR 6,83 MAR 5.83 52.0 жүжүжүж жүмүнүй жүмүнүй жүмүнүй жүмүнүй жүмүнүй жүмүнүй 4,19 0.0966 3.35 0.47 ПАК 8,83 ПАК 7,03 90.0 G 48.2 жүмүнүй 3.98 G 0.1434 3.50 0.50 НАК 9,83 МАК 1,83 16.0 жүмүнүй жүмүй жүмүй жүмүй ж	MAI	R 3,83	MAR	2,83	*****		****		*****		***	**		*****		*****		3	****
MAR 7,83 MAR 6,83 387.0 55.6 жижини 4,19 0.0966 3.35 0.47 MAR 8,83 MAR 7,83 90.0 G 48.2 жижини 3.98 G 0.1434 3.50 0.50 MAR 19,83 MAR 13,83 16.0 жижики жижики <t< td=""><td>MAI</td><td>R 5,83</td><td>MAR</td><td>4,83</td><td>*****</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>***</td><td>**</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>3</td><td>*****</td></t<>	MAI	R 5,83	MAR	4,83	*****		*****		*****		***	**		*****		*****		3	*****
HAR 8,83 MAR 7,83 90.0 G 48.2 жижий 3.98 G 0.1434 3.50 0.50 HAR 9,83 MAR 8,83 16.0 жижий жиж	MAI	R 6,83	MAR	5,83	52.0		*****		*****		***	**		*****	i i	J 20.00		U	3.40
HAR 8,83 MAR 7,83 90.0 G 48.2 жижини 3.98 G 0.1434 3.50 0.50 MAR 9,83 MAR 8,83 16.0 нинийн жижини <	MAI	7,83	MAR	6,83	387.0		35.6		*****		4.	19		0.0966		3.35			0.47
MAR 9,83 MAR 8,83 16.0 ####### ####### ####### ###########	MAI	8,83	MAR	7,83	90.0	G	48.2		*****		3.	98	G	0.1434		3.50			
MAR 14,83 MAR 13,83 57.0 жижижи жи	MAI	8 9,83	MAR	8,83	16.0		****		*****									3	
MAR 17,83 MAR 16,83 4.0 жүжүнж жүжүнж жүйүнүй жүйүнүйүй жүйүнүй жүйүнүй жүйүнүй жүйүнүй жүйүнүйүй жүйүнүй жүйүнүй <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>*****</td> <td></td> <td>*****</td> <td></td>							*****		*****										
HAR 18,83 MAR 17,83 米하부처부 위치하점부 위치하점부 위치하점부 위치하점부 시.25 0.81 APR 13,83 MAR 30,83 40.0 米카치처와 위치하점부 위치하점부 위치하점부 사용하점부 시.25 0.81 APR 1,83 MAR 31,83 APR 12,83 25.0 米카치처와 위치하점부 위치하점부 위치하점부 위치하점부 기.50 G 1.32 APR 11,83 APR 10,83 446.0 9.4 米치米처料 4.83 0.0300 0.75 0.08 APR 11,83 APR 12,83 12.0 米카치처와 4.83 0.0300 0.75 0.08 APR 11,83 APR 12,83 12.0 米카치처와 4.83 0.0300 0.75 0.08 APR 11,83 APR 12,83 12.0 米카치처와 4.59 0.0530 1.25 0.10 APR 25,83 APR 24,83 12.0 15.2 米치米처와 4.59 0.0530 1.25 0.10 APR 25,83 APR 24,83 194.0 29.1 米치米처와 5.66 0.0240 1.05 0.18 MAY 4,83 MAY 3,83 324.0 6.9 米치米처와 5.18 0.0282 0.75 0.11 APR 29,83 APR 21,83 15.0 米치米처와 ************************************							*****		*****									*	
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MAY 21,83 MAY 20,83 235.0 10.6 ****** 4.80 0.0380 1.00 0.10 MAY 22,83 MAY 21,83 7.0 ****** ****** ****** ****** ****** ****																		77	
MAY 22,83 MAY 21,83 7.0													(6					3	
MAY 23,83 MAY 22,83 366.0 8.0 ****** 5.22 0.0282 0.65 0.21 MAY 24,83 MAY 23,83 124.0 ****** ****** 5.44 0.0232 0.90 0.13 MAY 28,83 MAY 27,83 ****** ****** ****** ****** ****** ****																			
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MAY 28,83 MAY 27,83 ****** ****** ****** ****** ****** ****																			
MAY 29,83 MAY 28,83 1818.0 11.0 ****** 5.10 0.0332 1.15 0.10 MAY 30,83 MAY 29,83 54.0 ****** ****** ****** 2.60 0.18 MAY 31,83 MAY 30,83 49.0 ****** ****** U 7.14 0.0164 4.60 G 0.83 JUN 3,83 JUN 2,83 89.0 ****** ******* U 6.98 0.0308 1.15 0.16 JUN 4,83 JUN 3,83 1108.0 9.8 ****** 4.86 0.0350 1.15 0.17 JUN 5,83 JUN 4,83 657.0 5.5 ****** 5.06 0.0260 0.60 0.07 JUN 6,83 JUN 5,83 36.0 ****** ****** 5.70 0.0202 0.45 0.04 JUN 9,83 JUN 8,83 145.0 ****** ****** 5.53 0.0246 1.70 0.29		10.00		- 6															
MAY 30,83 MAY 29,83 54.0																		3	
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JUN 5,83 JUN 4,83 657.0 5.5 ******* 5.06 0.0260 0.60 0.07 JUN 6,83 JUN 5,83 36.0 ******* ******* 5.70 0.0202 0.45 0.04 JUN 9,83 JUN 8,83 145.0 ****** ****** 5.53 0.0246 1.70 0.29									*****	U	1 6.	98		0.0308		1.15			0.16
JUN 6,83 JUN 5,83 36.0 ****** ****** 5.70 0.0202 0.45 0.04 JUN 9,83 JUN 8,83 145.0 ****** ****** 5.53 0.0246 1.70 0.29	JUL			3,83	1108.0		9.8		*****		4.	86		0.0350		1.15			0.17
JUN 9,83 JUN 8,83 145.0 ****** ****** 5.53 0.0246 1.70 0.29				4,83			5.5		****		5.	06		0.0260		0.60			0.07
	JUL		JUN	5,83	36.0		****		*****		5.	70		0.0202		0.45			0.04
JUN 11,83 JUN 10,83 ****** ****** ****** ****** ****** ****			JUN	8,83	145.0		*****		*****		5.	53		0.0246		1.70			0.29
	JUL	11,83	JUN	10,83	*****		*****		*****		****	**		*****		*****		3	****

STATION NAME : FORBES TWSP/DAILY/AEROCHEM #13 PAGE: 3 REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM AMMONIUM FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L JAN 16,83 JAN 15,83 ***** ***** ***** ***** ***** ***** ***** JAN 24,83 ***** ***** ***** ***** ***** ***** JAN 23,83 0.0339 FEB 12,83 FEB 11,83 0.03 0.08 <W 0.005 0.015 0.030 0.090 0.0347 FEB 28,83 FEB 27,83 0.20 0.09 0.015 0.025 0.060 0.980 0.0355 ***** MAR 2,83 MAR 1,83 **** **** **** **** ***** **** MAR 3,83 MAR 2,83 ***** ***** **** ***** ***** ***** ***** 5,83 ***** ***** ***** MAR MAR 4,83 ***** ***** ***** ***** ***** ***** **** MAR 6,83 MAR 5,83 0.88 ***** ***** **** MAR 7,83 MAR 6,83 0.15 0.06 0.010 0.025 0.040 0.430 0.0646 MAR 8,83 MAR 7,83 <T 0.005 0.035 0.07 0.07 0.060 ***** 0.1047 MAR 9,83 MAR 8,83 ***** ***** **** ***** ***** ***** **** MAR 14,83 MAR 13,83 ***** 0.15 ***** ***** ***** 1.090 0.0182 MAR 17,83 MAR 16,83 ***** ***** **** ***** ***** **** **** MAR 18,83 MAR 17,83 ***** ***** ***** **** ***** ***** ***** MAR 31,83 MAR 30,83 ***** 0.17 ***** 0.080 ***** ***** ***** ***** ***** **** APR 1,83 MAR 31,83 ***** ***** **** **** **** APR 2,83 APR 1,83 ***** 0.25 ***** ***** ***** ***** APR 11,83 APR 10,83 0.05 0.03 0.010 0.030 0.030 <T 0.020 0.0148 APR 13,83 ***** ***** **** **** APR 12,83 **** ***** 0.0741 APR 14,83 APR 13,83 0.06 0.01 0.010 0.020 0.010 0.048 0.0257 APR 25,83 APR 24,83 2.01 0.13 U 0.180 U 0.155 U 0.130 1.550 U 0.0008 APR 29,83 APR 28,83 0.17 0.02 0.030 0.035 0.020 0.400 0.0022 MAY 4,83 MAY 3,83 0.025 0.13 0.02 0.040 0.020 0.144 0.0066 MAY 13,83 MAY 12,83 ***** ***** ***** **** ***** **** ***** MAY 19,83 ***** 0.11 ***** ***** MAY 18,83 **** 0.284 0.0055 HAY 20,83 MAY 19,83 ***** ***** *** **** ***** ***** ***** MAY 21,83 MAY 20,83 0.09 0.04 0.015 0.045 0.080 0.284 0.0158 MAY 22,83 MAY 21,83 ***** ***** ***** ***** ***** ***** ***** MAY 23.83 MAY 22,83 0.09 0.03 0.015 0.025 0.010 0.236 0.0060 MAY . 33 MAY 23,83 0.17 0.01 0.030 0.035 0.025 0.230 0.0036 MAY 28,83 ***** ***** **** **** MAY 27,83 ***** ***** **** MAY 29,83 MAY 28,83 0.08 0.02 0.020 0.030 0.020 0.178 0.0079 MAY 30,83 MAY 29,83 ***** 0.10 ***** 0.040 0.055 ***** **** ***** 0.20 ***** ***** MAY 31,83 MAY 30,83 ***** ***** U 0.0001 JUN 3,83 JUN 2,83 ***** 0.04 ***** ***** ***** **** U 0.0001 0.020 4,83 JUN 3,83 0.07 0.04 0.020 0.250 0.020 0.0138 JUN 5,83 JUN 4,83 0.02 0.02 <W 0.005 <T 0.010 <T 0.010 0.060 0.0087 6,83 JUN 5,83 ***** 0.12 ***** ***** ***** NUL ***** 0.0020 JUN 9,83 JUN 8,83 0.48 0.07 0.100 0.080 0.040 0.440 0.0030 _JUN 11,83 JUN 10,83

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STATION NAME	FORBES TWSP/DAILY/AEROCHEM	#13	PAGE: 4

RE	MOVAL	EX	POSURE	SAME	PLING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
	DATE		DATE	START	T/END	STAR	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
				HR.	HR.	HR.	HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
								02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
							03-	COMP/04-0	THER			oo ol Euche	00 1120	3		
							03	001117010	THER							
JUN	15,83	JUN	14,83	830	830	1615	1830	1	3.2	1	33818	2	1	97	CD	
	16,83		15,83	830	830	1730		1	11.0	1	33819	2	1	101	CD	н
	17,83		16,83	830	830	1900		î	0.2	î	33820	2	î	****	EK	
	23,83		22,83	830	830	845	930	1	9.4	1	33821	2	1	107	D	
	26,83		25,83	830	830	900	300	1	22.0	ī	33822	2	1	95	CD	
	27,83		26,83	830	830	1500		1	4.0	1	33823	2	1	U 77	CDFJ	
								100					77			
	30,83		29,83	830	830		****	1	5.6	1	33825	2	1	89	D	
JUL			30,83	830	830	1800		1	3.6	1	33826	2	1	90	D	18.4
JUL			2,83	830	830		****	1	25.0	1	33827	2	1	158	D	N
JUL		JUL			2030		1200	1	33.0	1	33831	2	1	U 19	DH	NHCMZ
JUL			7,83	830	830	1715		1	2.4	1	33832	2	1	39	CD	N
JUL	17,83	JUL	16,83	830	830	1800	1930	1	9.0	1	33835	2	1	U 106	DJ	
JUL	19,83	JUL	18,83	830	830	1945	300	1	2.4	1	33837	2	1	87		
JUL	20,83	JUL	19,83	830	830	2100	830	1	0.3	1	33838	2	1	****	EK	
JUL	24,83	JUL	23,83	830	830	1300	2000	1	2.2	1	33839	2	1	83	C	
JUL	28,83	JUL	27,83	830	830	1830	2000	1	48.6	1	33848	2	1	U 104	ADJ	
JUL	29,83	JUL	28,83	830	830	1650	1720	1	0.8	1	33849	2	1	U 44	DJ	
	31,83		30,83	830	830	1900	2030	1	2.8	1	33850	2	1	70	CD	
AUG			31,83	830	830	1400		1	6.8	1	33851	2	1	79	CD	С
AUG		AUG		830	830	1900	300	ī	31.0	ī	33852	2	ī	U 105	CDJ	н
AUG			7,83	830	830	2145		î	5.0	î	33853	2	î	98	CD	
	11,83		10,83	830	830	1045	300	1	13.2	1	33862	2	1	99	C	нсм
																nch
	21,83		20,83	830	830	500	830	1	4.0	1	33863	2	1	86	С	
	22,83		21,83	830	900		1030	1	4.3	1	33864	2	1	93		Н
	24,83		23,83	830	830	130	430	1	1.8	1	33865	2	1	77	С	
	27,83		26,83	830	830	2400	130	1	0.6	1	33866	2	1	***	KE	
	28,83		27,83	830	830	2230		1	0.4	1	33867	2	1	****	KE	
	30,83		29,83	830	830	1330		1	19.6	1	33869	2	1	U 107	J	HCM
SEP	6,83	SEP	4,83	830	1000	2000	2400	1	4.7	1	33870	2	1	71		HMZ
SEP	8,83	SEP	7,83	1100	1108	****	****	1	0.4	1	33871	2	1	****	E	
SEP	9,83	SEP	8,83	1108	905	****	****	1	****	*	33872	2	1	****		H
SEP	10,83	SEP	9,83	905	905	500	905	1	3.1	1	33873	2	1	68	CD	
SEP	11,83	SEP	10,83	905	800	905	1200	1	11.7	1	33874	2	1	91	CD	HM
	14,83		13,83	830	830	1130		1	4.7	1	33875	2	1	85		НМ
	16,83		15,83	830	830	2200	730	1	7.6	1	33876	2	1	90		M
	18,83		17,83	830	830	2145		1	9.8	ī	33877	2	1	98	CD	
	21,83		20,83	830	830	1145		î	0.6	î	33878	2	1	44	C	N
	22,83		21,83	830	830		1400	1	1.3	1	33879	2	1	82		
	28,83		27,83	830	830	2100		1	0.2	1	33888	2	1	****	E	
	29,83		28,83	830	830	1900		1		1		2	1	92	L	и
SEP	27,03	SEP	20,03	0.50	020	1700	020	7	7.8	A	33889	~	1.	72		Н

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIDS - ACIDIC PRECIPITATION IN ONTARIO STUDY

5	STATIO	MAN NO	IE : FO	ORBES TWSP	/DAILY/AE	EROCHEM	#13						P	AGE :	5		
REMO\			SURE	VOLU	ME	CONDUCT.		PH FIELD		PH LAB		TOTAL H		SULPHA	TE	NI	TRATE AS N
DA	16	DA		ML		UMHO/CM		TILLD		LAD		MG/L	3	MG/L	-		MG/L
JUN 15	5,83	JUN 1	4,83	200.	ο ι	J 61.0		****	ι	3.95	G	0.1506	U	6.70)		0.20
JUN 16	6,83	JUN 1	5,83	714.	0	5.4		*****		5.34		0.0216		0.55	j.		0.09
JUN 17	7,83	JUN 1	6,83	****	*	*****		*****		****		*****		****	ŧ	**	****
JUN 23	3,83	JUN 2	2,83	646.	0	23.5		*****		4.51	G	1.6580		3.50)		0.28
JUN 26	6,83	JUN 2	5,83	1352.	0	22.3		*****		4.55		0.0516		3.25	5		0.31
JUN 27	7,83	JUN 2	6,83	199.	0	5.9		*****		5.03		0.0290		0.45	5		0.01
JUN 30		JUN 2		323.	0	24.0		*****		*****		****		1.85	5		0.28
JUL 1	1,83	JUN 3	0,83	210.	0	4.8		*****		5.19		0.0228		0.35	5		0.07
	3,83		2,83	2543.	0	6.8		****		5.10		0.0258		0.65	5		0.12
	5,83		3,83	418.		3.4		*****		5.87		0.0168		0.25			0.07
	8,83	JUL		61.		*****		*****	L	6.89		0.0262	U	5.45		U	1.58
JUL 17	Action and the second second	JUL 1		613.		8.0		*****		5.07		0.0270		0.85			0.13
JUL 19		JUL 1		134.		17.8		*****		4.59		0.0506		1.05			0.44
JUL 20		JUL 1		****		*****		*****		*****		*****		****		**	***
JUL 24		JUL 2		118.		2.4		*****		5.71		0.0200	<w< td=""><td></td><td></td><td>W</td><td>0.01</td></w<>			W	0.01
JUL 28	1000	JUL 2		3269.		12.7		****		4.80		0.0370	-	1.50			0.10
JUL 29	A (CO) 100	JUL 2		23.0		*****		*****		4.57		*****		*****		**	****
JUL 31		JUL 3		127.0		*****		*****		4.76		0.0402		1.10			0.19
	1,83	JUL 3		347.		4.1		*****		5.26		0.0228	<w< td=""><td></td><td></td><td></td><td>0.06</td></w<>				0.06
	3,83		2,83	2093.		12.6		*****		4.99		0.0304		1.70			0.26
	8,83		7,83	316.0		8.7		*****	ı			0.0170		0.90			0.20
AUG 11		AUG 1		845.		6.6		*****		5.06		0.0264		0.25			0.01
AUG 21		AUG 2		223.		18.5		*****		4.65		0.0438		2.20			0.36
AUG 22		AUG 2		257.		11.9		*****		4.84		0.0352		1.30			0.14
AUG 24		AUG 2		89.0		8.4		*****		*****		*****		0.40			0.10
AUG 27		AUG 2		****		*****		*****		*****		*****		*****		36.36	****
AUG 28		AUG 2		****		*****		*****		*****		*****		*****			****
AUG 30	Service Control of	AUG 2		1350.0		5.4		*****		5.32		0.0246		0.25			0.09
	6,83		4,83	215.0		8.6		****		5.10		0.0276		0.75			0.17
	8,83		7,83	****		*****		*****		*****		*****		*****			****
	9,83		8,83	799.0		7.1		*****	r		P	0.6040		1.10		**	0.20
SEP 10			9,83	136.0				*****	i			0.0446	U			u ·	
		SEP 1		689.0		4.1		*****		5.44	U	0.0446	U	0.30		U	0.59
SEP 11	1100	SEP 1		257.0		5.0		*****		5.44		0.0210		0.40		LT.	0.06
						9.1										M	0.01
SEP 16	100	SEP 1		443.1				*****		4.76		0.0352		0.75			0.03
	8,83	SEP 1		617.0				*****	D		G	0.0816		3.80			0.47
SEP 21		SEP 2		17.0		*****		*****		*****		*****		*****			****
SEP 22		SEP 2		69.1		*****		*****		5.03		0.0274		*****			****
_ SEP 28		SEP 2		****		*****		*****		*****		*****		*****			****
_SEP 29	9,83	SEP 2	8,83	461.0	J	17.5	3	*****		5.20		0.0292		2.90)		0.49

STATION NAME : FORBES TWSP/DAILY/AEROCHEM PAGE: 6 #13 REMOVAL **EXPOSURE** CALCIUM CHLORIDE MAGNESIM POTASSIM SODIUM MUINOMMA FREE H+ AS N LAB DATE DATE MG/L MG/L MG/L MG/L MG/L MG/L MG/L 0.37 0.090 U 0.215 U 0.165 0.510 U 0.1122 JUN 15,83 JUN 14,83 0.40 0.075 <T 0.010 0.154 0.0046 JUN 16,83 JUN 15,83 0.08 <T 0.01 0.020 ***** JUN 17,83 JUN 16,83 ***** ***** **** ***** ***** ***** JUN 23,83 0.030 0.060 0.025 0.700 0.0309 JUN 22,83 0.25 0.07 0.600 0.0282 0.09 0.030 0.045 0.025 JUN 26,83 JUN 25,83 0.31 JUN 27,83 JUN 26,83 0.07 0.12 0.015 0.035 0.015 0.040 0.0093 ***** 0.172 ***** JUN 30,83 JUN 29,83 ***** ***** ***** 0.14 <T 0.010 0.060 0.0065 JUL 1,83 JUN 30,83 0.04 0.12 0.005 <T 0.010 0.030 0.142 0.0079 JUL 3,83 JUL 2,83 0.09 0.14 0.015 0.020 0.010 0.015 0.015 0.060 0.0013 JUL 5,83 JUL 3,83 0.07 0.12 ***** ***** ***** ***** U 0.0001 JUL 8,83 JUL 7,83 ***** 0.62 U 0.015 0.015 0.154 0.0085 JUL 17,83 JUL 16,83 0.13 0.01 0.020 0.015 0.035 0.040 0.230 0.0257 JUL 19,83 JUL 18,83 0.09 0.07 ***** ***** **** JUL 20,83 JUL 19,83 ***** ***** ***** **** JUL 24,83 JUL 23,83 ***** 0.02 **** ***** ***** 0.002 0.0019 0.020 0.025 <T 0.005 0.300 0.0158 JUL 28,83 JUL 27,83 0.10 0.01 JUL 29,83 JUL 28,83 ***** ***** ***** ***** ***** ***** 0.0269 ***** JUL 31,83 JUL 30,83 0.29 0.06 0.075 0.070 0.030 0.0174 AUG 1,83 JUL 31,83 0.01 0.01 <W 0.005 0.025 <W 0.005 0.010 0.0055 0.050 0.035 0.015 0.470 0.0102 AUG 3,83 AUG 2,83 0.29 0.03 0.330 U 0.0001 AUG 8,83 AUG 7,83 0.58 0.04 0.130 0.090 0.020 AUG 10,83 0.01 0.005 <T 0.010 0.015 0.044 0.0087 AUG 11,83 0.03 0.045 0.040 0.075 0.348 0.0224 AUG 21,83 AUG 20,83 0.46 0.11 0.220 0.0145 AUG 22,83 AUG 21,83 0.21 0.06 0.020 0.075 0.115 0.01 0.015 0.015 0.020 0.074 ***** AUG 24,83 AUG 23,83 0.14 <T **** ***** ***** **** ***** AUG 27,83 AUG 26,83 ***** ***** ***** AUG 28,83 AUG 27,83 ***** ***** ***** ***** ***** ***** 0.010 0.025 <W 0.005 0.166 0.0048 AUG 30,83 AUG 29,83 0.06 0.01 0.146 0.0079 SEP 6,83 SEP 4,83 0.31 0.05 0.050 0.090 0.040 SEP 8,83 SEP ***** ***** **** ***** ***** ***** ***** 7,83 0.070 0.320 D 0.0032 0.050 0.050 SEP 9,83 SEP 8,83 0.33 0.06 SEP 10,83 SEP 9,83 0.59 0.26 0.055 0.155 0.245 0.570 U 0.0182 SEP 11,83 SEP 10,83 0.09 0.02 <W 0.005 0.055 0.055 0.124 0.0036 0.0081 SEP 14,83 SEP 13,83 0.04 <₩ 0.01 <W 0.005 0.015 <T 0.005 0.124 0.0174 SEP 16,83 SEP 15,83 0.05 0.01 <W 0.005 0.020 <T 0.010 0.068 SEP 18,83 SEP 17,83 0.28 0.06 0.015 0.050 0.035 0.540 D 0.0525 **** ***** SEP 21,83 SEP 20,83 ***** ***** ***** ***** ***** 0.0093 SEP 22,83 SEP 21,83 0.06 **** 0.010 <T 0.005 0.060 0.062 ***** ***** ***** **** ***** SEP 28,83 SEP 27,83 ***** *****

0.070

0.080

G 0.185

SEP 29,83 SEP 28,83

0.53

0.08

0.760

0.0063

STATION NAME : FORBES TWSP/DAILY/AEROCHEM #13

	SIAII	OH HANE .	LOKDES	INSE	DAILIA	ALKOU	TILLI	#13									
	MOVAL DATE	EXPOSUR DATE	STAR	PLING T/END HR.	START	HR.	SAMPLE TYPE 01-RAIN 02-SNOW	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	EF E	MPLER FICI- NCY (%)	FIELD	ENTS OFFICE	
						03-	COMP/04-0	THER									
				070	070	1070	-	77 0	- 1	33890	2	1.		99		С	
	30,83	SEP 29,8				1230	1	33.8	1	33891	2	1		69	С		
OCT		SEP 30,8				1100	1	3.2	1	33893	2	1		86	c		
OCT	2,83	OCT 1,8			2200		1	2.2	1	33895	2	1		99	C	нсм	
···OCT	3,83	OCT 2,8			2030		1	8.2	1		2	1		70	C	C	
OCT		OCT 7,8				1100	1	3.6	1	33897		1		101	С	C	
	11,83	OCT 10,8			1700		1	20.4	1	33899	2	1		138		N	
	12,83	OCT 11,8				1100	1	2.1	1	33903	2	1			C	CM	
	13,83	OCT 12,8				1500	1	6.1	1	33905	2	1	11	73			
	14,83	OCT 13,8			2230		3	2.0	1	33907	2	1	U	627	CP	NCM	
	16,83	OCT 15,8			1930	200	1	14.0	1	33909	2	1		68	C		
	17,83	OCT 16,8			830		1	2.0	1	33911	2	1		67	C		
NOA	3,83	NOV 2,8				1030	3	0.2	2	33922	2	1		***	E		
NOA	10,83	NOV 9,8			10000	1900	2	3.5	2	33918	2	1	**	***	K		
NOA	14,83	NOV 13,8	3 830			1800	2	1.8	2	33920	2	1		58			
NOA	18,83	NOV 17,8	3 830		300		2	0.2	2	33925	2	1	*	****	KF		
NOA	21,83	NOV 19,8	3 830		1700		3	33.4	2	33926	2	1		90	С	Y2	
NOA	22,83	NOV 21,8	3 830	830	830	1400	2	0.6	2	33930	2	1	U	62	J		
NOA	23,83	NOV 22,8	3 830	830	2100		2	5.2	2	33933	2	1	¥	***	FK		
NOA	24,83	NOV 23,8	3 830	830	830	830	3	28.0	2	33934	2	1		48	С	N	
VOI1	29,83	NOV 28,8	3 830	830	830	2200	3	11.6	2	33939	2	1		***	FK		
NOV	30,83	NOV 29,8	3 830	830	830	830	2	2.0	2	33940	2	1	*	****	E		
DEC	1,83	NOV 30,8	3 830	930	830	830	2	0.3	2	33942	2	1	31	****	E		
DEC	11,83	DEC 10,8	3 830	830	****	****	2	5.9	2	33946	2	1	31	***	FK		
DEC	12,83	DEC 11,8	3 830	830	830	1800	2	8.4	2	33948	2	1	*	***	FK		
DEC	14,83	DEC 13,8	3 830	830	1100	1800	2	4.0	2	33960	2	1	¥	***	E		
DEC	29,83	DEC 28,8	3 830	830	900	1100	2	0.2	2	33949	2	1	34	***	E		

STATI	ON NAME : FOR	RBES TWSP/DAIL	Y/AEROCHEM	#13			PAGE: 8	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
		ML	UMHO/CM		*	MG/L	MG/L	MG/L
SEP 30,83	SEP 29,83	2166.0	5.1	*****	5.63	0.0180	0.60	0.07
OCT 1,83	SEP 30,83	142.0	G 27.2	*****	4.42	0.0662	3.15	0.43
OCT 2,83	OCT 1,83	122.0	8.7	*****	5.08	0.0290	0.80	0.20
OCT 3,83	OCT 2,83	524.0	4.5	*****	5.60	0.0182	0.25	0.08
OCT 8,83	OCT 7,83	162.0	7.2	*****	5.09	0.0258	0.65	0.08
OCT 11,83	OCT 10,83	1325.0	12.2	*****	4.77	0.0362	1.10	0.17
OCT 12,83	OCT 11,83	187.0	8.2	*****	4.96	0.0284	0.55	0.13
OCT 13,83	OCT 12,83	286.0	5.0	*****	5.26	0.0208	0.30	0.06
OCT 14,83	OCT 13,83	805.0	3.0	****	5.42	0.0182	0.25	0.02
OCT 16,83	OCT 15,83	619.0	10.7	****	4.73	0.0356	1.00	0.11
OCT 17,83	OCT 16,83	86.0	*****	*****	4.89	0.0342	1.40	0.30
NOV 3,83	NOV 2,83	*****	*****	*****	*****	*****	*****	*****
NOV 10,83	NOV 9,83	****	*****	****	****	*****	*****	*****
NOV 14,83	NOV 13,83	68.0	*****	****	4.74	0.0360	1.45	0.23
NOV 18,83	NOV 17,83	*****	*****	*****	*****	*****	*****	*****
NOV 21,83	NOV 19,83	1948.0	12.1	*****	4.71	0.0362	0.90	0.15
NOV 22,83	NOV 21,83	24.0	*****	*****	5.20	0.0244	*****	*****
NOV 23,83	NOV 22,83	*****	*****	*****	*****	*****	*****	*****
NOV 24,83	NOV 23,83	876.0	D 12.5	*****	4.66	D 0.0374	D 0.90	D 0.20
NOV 29,83	NOV 28,83	*****	*****	*****	*****	*****	*****	*****
NOV 30,83	NOV 29,83	****	*****	*****	*****	*****	*****	****
DEC 1,83	NOV 30,83	****	*****	*****	*****	*****	*****	*****
DEC 11,83	DEC 10,83	****	*****	*****	*****	*****	*****	*****
DEC 12,83	DEC 11,83	*****	*****	*****	*****	*****	*****	*****
DEC 14,83	DEC 13,83	*****	*****	*****	****	*****	*****	*****
DEC 29,83	DEC 28,83	*****	*****	*****	*****	*****	*****	*****

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DEC 29,83 DEC 28,83

STATION NAME : FORBES TWSP/DAILY/AEROCHEM PAGE: 9 #13 REMOVAL **EXPOSURE** CALCIUM CHLORIDE POTASSIM SODIUM MUINOMMA MAGNESIM FREE H+ DATE DATE AS N LAB MG/L MG/L MG/L MG/L MG/L MG/L MG/L SEP 30,83 SEP 29,83 0.10 <W 0.01 0.015 0.060 0.060 0.136 0.0023 OCT 1,83 SEP 30,83 0.27 0.07 0.030 0.050 0.150 0.390 0.0380 OCT 2,83 OCT 1,83 0.28 0.06 0.030 0.035 0.095 0.060 0.0083 OCT 3,83 OCT 2,83 0.03 0.01 <T 0.005 <T 0.010 <W <T 0.010 0.068 0.0025 OCT 8,83 OCT 7,83 <W 0.01 0.010 <T 0.015 0.035 0.06 0.060 0.0081 OCT 11,83 OCT 10,83 0.04 <W 0.01 0.005 <T 0.015 <T 0.005 0.138 0.0170 OCT 12,83 OCT 11,83 0.06 0.01 0.010 <T 0.010 0.090 0.038 <W 0.0110 OCT 13,83 OCT 12,83 0.03 <W 0.01 0.010 <T 0.005 0.020 <W 0.002 0.0055 OCT 14,83 OCT 13,83 0.02 <W 0.01 <T 0.005 <W 0.005 0.015 <W 0.002 0.0038 OCT 16,83 OCT 15,83 0.06 <T 0.02 0.010 0.020 0.025 0.082 0.0186 OCT 17,83 OCT 16,83 0.01 0.020 0.060 0.12 0.060 0.330 0.0129 **** ***** ***** NOV 3,83 NOV 2,83 ***** **** ***** ***** NOV 10,83 NOV 9,83 ***** ***** ***** ***** ***** **** ***** ***** NOV 14,83 NOV 13,83 ***** 0.18 ***** ***** ***** 0.0182 NOV 18,83 NOV 17,83 ***** ***** ***** ***** ***** ***** ***** NOV 21,83 NOV 19,83 0.05 0.03 0.005 0.050 0.050 0.020 0.0195 NOV 22,83 NOV 21,83 ***** ***** ***** ***** ***** ***** 0.0063 NOV 23,83 NOV 22,83 **** ***** ***** ***** ***** ***** ***** NOV 24,83 NOV 23,83 0.11 0.03 0.005 <W 0.005 <T 0.005 0.018 0.0219 NOV 29,83 NOV 28,83 ***** ***** ***** ***** ***** ***** ***** NOV 30,83 NOV 29,83 ***** ***** ***** ***** ***** ***** ***** ***** DEC 1,83 NOV 30,83 ***** ***** ***** ***** ***** ***** DEC 11,83 DEC 10,83 ***** **** **** **** ***** ***** ***** DEC 12,83 DEC 11,83 ***** **** **** **** ***** ***** ***** DEC 14,83 DEC 13,83 ***** **** ***** ***** ***** **** *****

STATION NAME : LAC LA CROIX/DAILY/AEROCHEM	#15	PAGE :	1
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REI	MOVAL	EXI	POSURE	SAMP	LING	PRI	ECIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	ENTS
1	DATE	1	DATE	START	/END	STAR	T/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-	FIELD	OFFICE
				HR.	HR.	HR.	HR.	01-RAIN		01-STD.		02-APIOS	01-MOE	ENCY		
								02-SNOW		02-NIPHER		03-SPECIAL		(%)		
							03-	COMP/04-0	THER					,		
							0.5	00111701	THEK							
JAN	3,83	DEC	24,82	900	900	****	****	2	18.5	2	32548	2	1	57	С	Y10
JAN			5,83	900	900	****	****	2	1.6	2	32549	2	1	47	D	N
	10,83	JAN		900	900		****	2	0.7	2	32550	2	1	144	D	NY2
	11,83		10,83	900	900		****	2	5.7	2	32551	2	î	62	D	1112
	17,83		14,83	900	900		****	2	8.9	2	32552	2	î	U 95	DG	Y3
	19,83		18,83	900	900		****	3	0.5	2	32553	2	î	34	DG	N
	30,83		29,83	900	900		****	3	5.0	2	32554	2	1	54	С	14
													-			
	11,83		10,83	900	900		****	2	0.8	2	32555	2	1	113	D	**
	15,83		14,83	900	900		***	1	1.1	2	32556	2	1	21	D	N
	18,83		17,83	900	900		****	3	3.3	2	32557	2	1	143	D	NHCM
	20,83		18,83	900	900	900		3	17.1	2	32558	2	1	74	D	HCMY2
	27,83		26,83	900	900		****	3	5.2	2	32559	2	1	101	D	
MAR			1,83	900	900		****	2	0.5	2	32560	2	1	***	E	
MAR	12,83	MAR	11,83	900	900	***	****	3	1.3	2	32561	2	1	U 150	DGH	
MAR	18,83	MAR	17,83	900	900	***	****	3	0.7	2	32562	2	1	***	E	
MAR	26,83	MAR	25,83	900	900	****	****	2	1.0	2	32563	2	1	****	E	
APR	1,83	MAR	31,83	900	900	***	***	3	***	2	32564	2	1	***	C	
APR	2,83	APR	1,83	900	900	***	***	3	****	2	32565	2	1	****	С	
APR	13,83	APR	12,83	900	900	***	****	3	12.6	2	32566	2	1	10	C	N
	14,83		13,83	900	900	***	****	2	5.7	2	32567	2	1	56	CD	
	16,83		15,83	900	900	****	****	2	6.3	2	32568	2	1	23	CD	NHM
	27,83		26,83	900	900		****	1	1.3	2	32569	2	ī	U 332	DP	N
	28,83		27,83	900	900		****	î	****	2	32570	2	î	***	DG	H
	13,83		12,83	900	900		****	î	5.3	2	32571	2	î	124	BD	N
	16,83		15,83	900	900		****	î	****	2	32572	2	î	****	D	
	21,83		20,83	900	900	****		1	****	2	32573	2	1	***	D	
	28,83		27,83	900	900	****		1		2		2	1		-	
									17.6		32574		_	111	D	
	29,83		28,83	900	900	****		1	2.2	2	32575	2	1	153	CD	И
	30,83		29,83	900	900		****	1	0.1	2	32576	2	1	****	EK	
	16,83		15,83	900	900	****		1	18.8	1	32578	2	1	97	CD	нсм
	30,83		29,83	900	900	1700		1	10.9	1	32585	2	1	133	DQ	И
-JUL			2,83	900	900		****	1	34.0	1	32586	2	1	96	CD	Y2
	5,83	JUL		900	900	****	***	1	3.5	1	32587	2	1	81	CD	CM
	15,83		14,83	900	900	***	****	1	2.3	1	32588	2	1	65	CD	Н
JUL	29,83	JUL	28,83	900	900	****	****	1	9.8	1	32589	2	1	50	D	
JUL	31,83	JUL	30,83	900	900	2000	300	1	33.6	1	32590	2	1	85	CD	
AUG	2,83	AUG	1,83	900	900	***	****	1	22.8	1	32591	2	1	92	CD	
AUG	8,83	AUG	7,83	900	900	***	***	1	1.5	1	32592	2	1	55 .	CD	
AUG	10,83	AUG	9,83	900	900	****	****	1	6.2	1	32593	2	1	88	CD	
AUG	18,83	AUG	17,83	900	900	****	****	1	9.8	1	32594	2	1	109	CD	Н
-								_				_	_			

ONTARIO MINISTRY OF THE ENVIRONMENT DAILY SAMPLING ANALYSIS RESULTS APIOS - ACIDIC PRECIPITATION IN ONTARIO STUDY

v v

REHOVAL DATE EXPOSURE DATE VOLUME DATE CONDUCT. PH LAB PH LAB TOTAL H- TO PH8.3 TO PH8.3 MG/L NITRATE AS N MG/L JAN 3,63 DEC 24,82 DAN 5,63 DAN 5,63 DAN 5,63 DAN 5,63 DAN 5,63 DAN 6,63 DAN 6,64 DAN 6,6		STATI	ON NAME	: LAC	LA CROIX	/DAILY/AEROCHEM	#15					PA	IGE: 2		
ML UNHO/CM					VOLUM	E CONDUCT.							SULPHAT	E	
JAM 6,83 JAM 5,83 49.0 жиннин жиннин жиннин жиннин 5.44 0.0508 1.45 0.58 JAN 10,83 JAN 8,83 65.0 жиннин жиннин 5.44 0.0302 0.80 0.19 JAN 11,83 JAN 10,83 227.0 24.8 жиннин 5.04 0.0342 0.25 0.09 JAN 19,83 JAN 18,83 11.0 жиннин 5.04 0.0342 0.25 0.09 JAN 30,83 JAN 18,83 11.0 14.5 жиннин 5.04 0.0498 1.20 0.38 FEB 11,83 FEB 10,83 56.0 14.5 жинин 4.61 0.0498 1.20 0.38 FEB 15,83 FEB 10,83 15.0 жинин ж		AIL	DATE	_	ML	имно/см	7 1225		LAD				MG/L		
JAN 10,83 JAN 10,83 JAN 10,83 65.0 жинжин 5.44 0.0302 0.80 0.19 JAN 11,83 JAN 10,83 227.0 24.8 жинжин 4.33 0.0770 1.85 0.62 JAN 19,83 JAN 18,83 11.0 жинжин	JAN	3,83	DEC 24	,82	678.0	18.6	****		4.37		0.0620		1.45		0.36
JAN 11,83 JAN 10,83 227.0 24.8 жинжин 4.33 0.0770 1.85 0.62 JAN 17,83 JAN 14,83 545.0 4.9 жинжин 5.04 0.03502 0.25 0.09 JAN 17,83 JAN 14,83 545.0 1.4.5 жинжин жин	MAL	6,83	JAN 5	,83	49.0	*****	****		4.63		0.0508		1.45		0.58
JAN 17,83 JAN 14,83 545.0 4,9 женене 5.04 0.0362 0.25 0.09 JAN 19,83 JAN 18,83 11.0 менене менене менене бала дал 19,83 JAN 18,83 11.0 менене менене менене бала дал 29,83 176.0 14.5 женене менене бала дал 2,83 FEB 10,83 FEB 10,83 FEB 15.0 женене женене бала дал 2,83 FEB 16,83 15.0 женене женене бала дал 2,83 FEB 18,83 FEB 18,83 FEB 17,83 304.0 3.5 женене бала дал 2,83 FEB 18,83 FEB 18,83 FEB 19.0 7.9 женене бала дал 2,83 FEB 18,83 FEB 18,83 FEB 19.0 7.9 женене бала дал 2,83 FEB 18,83 FEB 26,83 338.0 26.7 женене бала дал 2,83 MAR 1,83 менене бала дал 2,83 менене бал 2,83 мене	JAN	10,83	JAN 8	,83	65.0	*****	****		5.44		0.0302		0.80		0.19
JAN 19,83 JAN 29,83 176.0 14.5 жижижи жижиж	MAL	11,83	JAN 10	,83	227.0	24.8	*****		4.33		0.0770		1.85		0.62
ЗАН 30,83 JAN 29,83 176.0 14.5 жижний 4.61 0.0498 1.20 0.38 FEB 11,83 FEB 10,83 58.0 жижий жижий жижий жижий миний 0.95 1.09 FEB 15,83 FEB 14,83 15.0 жижий жижий жижий жижий жижий жижий жижий жижий жижий 1.09 0.05 <td< td=""><td>JAN</td><td>17,83</td><td>JAN 14</td><td>,83</td><td>545.0</td><td>4.9</td><td>*****</td><td></td><td>5.04</td><td></td><td>0.0342</td><td></td><td>0.25</td><td></td><td>0.09</td></td<>	JAN	17,83	JAN 14	,83	545.0	4.9	*****		5.04		0.0342		0.25		0.09
FEB 11,83 FEB 10,83 58.0	JAN	19,83	JAN 18	,83	11.0	*****	*****		*****		****		****		*****
FEB 15,83 FEB 14,83 15.0	MAC	30,83	JAN 29	,83	176.0	14.5	*****		4.61		0.0498		1.20		0.38
FEB 18,83 FEB 17,83 304.0 3.5 ***********************************	FEB	11,83	FEB 10	,83	58.0	****	****		*****		*****		0.95		1.09
FEB 20,83 FEB 18,83 819.0 7.9 ******* G 6.83 0.0210 0.70 0.17 FEB 27,83 FEB 26,83 338.0 26.7 ********* G 6.83 0.0210 0.70 0.17 O.89 FEB 27,83 FEB 26,83 338.0 26.7 ************************************	FEB	15,83	FEB 14	,83	15.0	*****	****		*****		****		*****		*****
FEB 27,83 FEB 26,83 338.0 26.7 ******** 5.23 0.0376 4.05 0.89 ******** 5.23 0.0376 4.05 0.89 ************************************	FEB	18,83	FEB 17	,83	304.0	3.5	*****	U	7.32		0.0374		0.15		0.05
MAR 2,83 MAR 1,83 жүнин	FEB	20,83	FEB 18	,83	819.0	7.9	****	G	6.83		0.0210		0.70		0.17
MAR 12,83 MAR 11,83 125.0 ******* ******* ****** ******* *******	FEB	27,83	FEB 26	,83	338.0	26.7	****		5.23		0.0376		4.05		0.89
MAR 18,83 MAR 17,83 ####### ####### ####### ####### ####### ####### ####### ####### ####### ####### ######## ######## ######## ######## ######## ######## ########### ################ ####################################	MAR	2,83	MAR 1	,83	****	****	****		****		****		*****		*****
MAR 26,83 MAR 25,83	MAR	12,83	MAR 11	,83	125.0	*****	****		4.64		0.0472		3.35		0.45
APR 1,83 MAR 31,83 406.0 20.5 ###### 4.48 0.0542 2.00 0.32 APR 2,83 APR 1,83 437.0 15.9 ###### 4.58 0.0432 1.20 0.22 APR 13,83 APR 12,83 88.0 ###### ###### ###### 1.35 0.21 APR 14,83 APR 13,83 206.0 15.1 ###### 4.54 0.0524 1.30 0.13 APR 16,83 APR 15,83 95.0 ###### ###### 5.47 G 0.1158 0.25 <w ######="" #######="" ####<="" 0.01="" 0.0226="" 0.0298="" 0.0354="" 0.0514="" 0.0600="" 0.1158="" 0.15="" 0.18="" 0.21="" 0.25="" 0.38="" 0.98="" 1.15="" 1.40="" 10.9="" 11.4="" 12,83="" 1258.0="" 13,83="" 13.6="" 15,83="" 16,83="" 2.15="" 2.80="" 20,83="" 20.1="" 216.0="" 248.0="" 26,83="" 27,83="" 277.0="" 28,83="" 29,83="" 3.80="" 334.0="" 4.57="" 4.69="" 4.82="" 424.0="" 48.0="" 5.11="" 5.47="" 5.77="" 8.3="" <w="" apr="" g="" may="" td=""><td>MAR</td><td>18,83</td><td>MAR 17</td><td>,83</td><td>*****</td><td>*****</td><td>*****</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>*****</td></w>	MAR	18,83	MAR 17	,83	*****	*****	*****		*****		*****		*****		*****
APR 2,83 APR 1,83 437.0 15.9 ###### 4.58 0.0432 1.20 0.22 APR 13,83 APR 12,83 88.0 ###### ###### ###### 1.35 0.21 APR 14,83 APR 13,83 206.0 15.1 ###### 4.54 0.0524 1.30 0.32 APR 16,83 APR 15,83 95.0 ###### 5.47 G 0.1158 0.25 <w ######="" #######="" ####<="" 0.01="" 0.0226="" 0.0228="" 0.0298="" 0.0354="" 0.0514="" 0.0600="" 0.1158="" 0.15="" 0.18="" 0.21="" 0.25="" 0.31="" 0.38="" 0.98="" 1.15="" 1.40="" 1.65="" 10.9="" 11.4="" 12,83="" 1258.0="" 13,83="" 13.6="" 15,83="" 16,83="" 2.15="" 2.80="" 20,83="" 20.1="" 21,83="" 216.0="" 248.0="" 26,83="" 27,83="" 277.0="" 28,83="" 29,83="" 3.80="" 334.0="" 4.57="" 4.69="" 4.82="" 424.0="" 48.0="" 5.11="" 5.47="" 5.77="" 8.3="" <w="" apr="" g="" may="" td=""><td>MAR</td><td>26,83</td><td>MAR 25</td><td>,83</td><td>*****</td><td>*****</td><td>****</td><td></td><td>*****</td><td></td><td>*****</td><td></td><td>****</td><td></td><td>*****</td></w>	MAR	26,83	MAR 25	,83	*****	*****	****		*****		*****		****		*****
APR 13,83 APR 12,83 88.0 ###### ###### ###### ###### 1.35 0.21 APR 14,83 APR 13,83 206.0 15.1 ###### 4.54 0.0524 1.30 0.13 APR 16,83 APR 15,83 95.0 ###### ###### 5.47 G 0.1158 0.25 <w ######="" #######="" ############<="" 0.01="" 0.0226="" 0.0298="" 0.0354="" 0.0514="" 0.0600="" 0.1158="" 0.15="" 0.18="" 0.21="" 0.25="" 0.31="" 0.38="" 0.98="" 1.15="" 1.40="" 1.65="" 10.9="" 11.4="" 12,83="" 1258.0="" 13,83="" 13.6="" 15,83="" 16,83="" 2.15="" 2.80="" 20,83="" 20.1="" 21,83="" 216.0="" 248.0="" 26,83="" 27,83="" 277.0="" 28,83="" 29,83="" 3.80="" 334.0="" 4.57="" 4.69="" 4.82="" 424.0="" 48.0="" 5.11="" 5.47="" 5.77="" 8.3="" <w="" apr="" g="" may="" td=""><td>APR</td><td>1,83</td><td>MAR 31</td><td>,83</td><td>406.0</td><td>20.5</td><td>*****</td><td></td><td>4.48</td><td></td><td>0.0542</td><td></td><td>2.00</td><td></td><td>0.32</td></w>	APR	1,83	MAR 31	,83	406.0	20.5	*****		4.48		0.0542		2.00		0.32
APR 14,83 APR 13,83 206.0 15.1 #**** 4.54 0.0524 1.30 0.13 APR 16,83 APR 15,83 95.0 ****** #***** 5.47 G 0.1158 0.25 <w #*****="" #******="" ******="" *******="" ******<="" 0.01="" 0.0226="" 0.0228="" 0.0298="" 0.0354="" 0.0514="" 0.0600="" 0.15="" 0.18="" 0.21="" 0.31="" 0.38="" 0.98="" 1.15="" 1.40="" 1.65="" 10.9="" 11.4="" 12,83="" 1258.0="" 13,83="" 13.6="" 15,83="" 16,83="" 2.15="" 2.80="" 20,83="" 20.1="" 21,83="" 216.0="" 248.0="" 26,83="" 27,83="" 277.0="" 28,83="" 29,83="" 3.80="" 334.0="" 4.57="" 4.69="" 4.82="" 424.0="" 48.0="" 5.11="" 5.77="" 6.91="" 8.3="" apr="" g="" may="" td="" u=""><td>APR</td><td>2,83</td><td>APR 1</td><td>,83</td><td>437.0</td><td>15.9</td><td>*****</td><td></td><td>4.58</td><td></td><td>0.0432</td><td></td><td>1.20</td><td></td><td>0.22</td></w>	APR	2,83	APR 1	,83	437.0	15.9	*****		4.58		0.0432		1.20		0.22
APR 16,83 APR 15,83 95.0	APR	13,83	APR 12	,83	88.0	*****	*****		*****	9	****		1.35		0.21
APR 27,83 APR 26,83 277.0 13.6 ******* U 6.91 0.0228 1.65 0.31 APR 28,83 APR 27,83 334.0 8.3 ******* U 6.91 0.0228 1.65 0.31 APR 28,83 APR 27,83 334.0 8.3 ******* U 6.91 0.0226 1.40 0.21 MAY 13,83 MAY 12,83 424.0 20.1 ******* 4.69 0.0514 2.80 0.38 MAY 16,83 MAY 15,83 48.0 ******* ******* 4.57 0.0600 3.80 G 0.98 MAY 21,83 MAY 20,83 248.0 10.9 ******** 4.82 0.0354 1.15 0.18 MAY 28,83 MAY 27,83 1258.0 11.4 ******* 5.11 0.0298 2.15 0.15 MAY 29,83 MAY 28,83 216.0 ******* ******* ******* ******** ******	APR	14,83	APR 13	,83	206.0	15.1	*****		4.54		0.0524		1.30		0.13
APR 28,83 APR 27,83 334.0 8.3 ****** 5.77 0.0226 1.40 0.21 MAY 13,83 MAY 12,83 424.0 20.1 ******* 4.69 0.0514 2.80 0.38 MAY 16,83 MAY 15,83 48.0 ******* ****** 4.57 0.0600 3.80 G 0.98 MAY 21,83 MAY 20,83 248.0 10.9 ******* 4.82 0.0354 1.15 0.18 MAY 28,83 MAY 27,83 1258.0 11.4 ****** 5.11 0.0298 2.15 0.15 MAY 29,83 MAY 28,83 216.0 ******* ****** ******* ******* *******	APR	16,83	APR 15	,83	95.0	*****	*****		5.47	G	0.1158		0.25	< W	0.01
MAY 13,83 MAY 12,83 424.0 20.1 ******* 4.69 0.0514 2.80 0.38 MAY 16,83 MAY 15,83 48.0 ******* ******* 4.57 0.0600 3.80 G 0.98 MAY 21,83 MAY 20,83 248.0 10.9 ******* 4.82 0.0354 1.15 0.18 MAY 28,83 MAY 27,83 1258.0 11.4 ******* 5.11 0.0298 2.15 0.15 MAY 29,83 MAY 28,83 216.0 ******* ******* ******* ******* ******* ******* *******	APR	27,83	APR 26	,83	277.0	13.6	*****	U	6.91		0.0228		1.65		0.31
MAY 16,83 MAY 15,83 48.0 ******	APR	28,83	APR 27	,83	334.0	8.3	****		5.77		0.0226		1.40		0.21
MAY 21,83 MAY 20,83 248.0 10.9 #***** 4.82 0.0354 1.15 0.18 MAY 28,83 MAY 27,83 1258.0 11.4 #***** 5.11 0.0298 2.15 0.15 MAY 29,83 MAY 28,83 216.0 #***** #**** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #**** #***** #***** #***** #**** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #***** #**** #******	MAY	13,83	MAY 12	,83	424.0	20.1	****		4.69		0.0514		2.80		0.38
MAY 28,83 MAY 27,83 1258.0 11.4 ***** 5.11 0.0298 2.15 0.15 MAY 29,83 MAY 28,83 216.0 ****** ****** ****** ****** ****** ****	MAY	16,83	MAY 15	,83	48.0	*****	****		4.57		0.0600		3.80	G	0.98
MAY 29,83 MAY 28,83 216.0 ******** ******* <td>MAY</td> <td>21,83</td> <td>MAY 20</td> <td>,83</td> <td>248.0</td> <td>10.9</td> <td>*****</td> <td></td> <td>4.82</td> <td></td> <td>0.0354</td> <td></td> <td>1.15</td> <td></td> <td>0.18</td>	MAY	21,83	MAY 20	,83	248.0	10.9	*****		4.82		0.0354		1.15		0.18
MAY 30,83 MAY 29,83 ***** ***** ***** ***** ***** ***** ****	MAY	28,83	MAY 27	,83	1258.0	11.4	****		5.11		0.0298		2.15		0.15
JUN 16,83 JUN 15,83 1179.0 2.4 ******* 5.57 0.0184 0.05 0.03 JUN 30,83 JUN 29,83 933.0 8.4 ******* 4.96 0.0290 0.80 0.11 JUL 4,83 JUL 2,83 2110.0 7.5 ******* 5.03 0.0264 0.40 0.17 JUL 5,83 JUL 4,83 183.0 2.3 ******* 5.63 0.0172 <w 0.05<="" td=""> <t 0.02<="" td=""> JUL 15,83 JUL 14,83 97.0 ******* 4.92 0.0376 2.50 0.40 JUL 29,83 JUL 28,83 318.0 18.7 ******* 4.61 0.0502 1.80 0.50</t></w>	MAY	29,83	MAY 28	,83	216.0	*****	*****		****		****		****		*****
JUN 30,83 JUN 29,83 933.0 8.4 ******* 4.96 0.0290 0.80 0.11 JUL 4,83 JUL 2,83 2110.0 7.5 ******* 5.03 0.0264 0.40 0.17 JUL 5,83 JUL 4,83 183.0 2.3 ******* 5.63 0.0172 < 0.05	MAY	30,83	MAY 29	,83	****	*****	****		****		*****		*****		*****
JUL 4,83 JUL 2,83 2110.0 7.5 ****** 5.03 0.0264 0.40 0.17 JUL 5,83 JUL 4,83 183.0 2.3 ****** 5.63 0.0172 <w 0.05<="" td=""> <t 0.02<="" td=""> JUL 15,83 JUL 14,83 97.0 ****** ****** 4.92 0.0376 2.50 0.40 JUL 29,83 JUL 28,83 318.0 18.7 ****** 4.61 0.0502 1.80 0.50</t></w>	JUN	16,83	JUN 15	,83	1179.0	2.4	****		5.57		0.0184		0.05		0.03
JUL 5,83 JUL 4,83 183.0 2.3 ****** 5.63 0.0172 <w 0.05<="" td=""> <t 0.02<="" td=""> JUL 15,83 JUL 14,83 97.0 ****** ****** 4.92 0.0376 2.50 0.40 JUL 29,83 JUL 28,83 318.0 18.7 ****** 4.61 0.0502 1.80 0.50</t></w>	JUN	30,83	JUN 29	,83	933.0	8.4	*****		4.96		0.0290		0.80		0.11
JUL 15,83 JUL 14,83 97.0 ****** ****** 4.92 0.0376 2.50 0.40 JUL 29,83 JUL 28,83 318.0 18.7 ****** 4.61 0.0502 1.80 0.50	JUL	4,83	JUL 2	,83	2110.0	7.5	*****		5.03		0.0264		0.40		0.17
JUL 29,83 JUL 28,83 318.0 18.7 ***** 4.61 0.0502 1.80 0.50	JUL	5,83	JUL 4	,83	183.0	2.3	*****		5.63		0.0172	<w< td=""><td>0.05</td><td>< 7</td><td>0.02</td></w<>	0.05	< 7	0.02
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-JUL	15,83	JUL 14	,83	97.0	*****	****		4.92		0.0376		2.50		0.40
	JUL	29,83	JUL 28	,83	318.0	18.7	*****		4.61		0.0502		1.80		0.50
JUL 31,83 JUL 30,83 1840.0 8.4 ***** 5.01 0.0292 0.75 0.14	JUL	31,83	JUL 30	,83	1840.0	8.4	****		5.01		0.0292		0.75		0.14
AUG 2,83 AUG 1,83 1359.0 7.4 ***** 5.11 0.0292 0.60 0.18	AUG	2,83	AUG 1	,83	1359.0	7.4	*****		5.11		0.0292		0.60		0.18
AUG 8,83 AUG 7,83 53.0 ****** ****** G 6.90 0.0164 0.95 0.30	AUG	8,83	AUG 7	,83	53.0	****	*****	G	6.90		0.0164		0.95		0.30
AUG 10,83 AUG 9,83 353.0 D 10.3 ***** 4.90 0.0362 0.85 0.15	AUG	10,83	AUG 9	,83	353.0	D 10.3	****		4.90		0.0362		0.85		0.15
AUG 18,83 AUG 17,83 689.0 4.9 ***** 5.83 0.0204 0.55 0.11	AUG	18,83	AUG 17	,83	689.0	4.9	*****		5.83		0.0204		0.55		0.11

	STATI	он и	AME : I	LAC L	A CROIX	/DAILY/A	EROCHEM	#15	i					P)	AGE : 3		
	10VAL		POSURE		CALCIU	М	CHLORID	DE	MAGNESIN	м	POTASS	IM	SODIUM	0	AMMONIUM AS N	М	FREE H+
	K33.13H.				MG/L		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
JAN	3,83	DEC	24,82		0.06		0.08		0.005	<7	0.010	i	0.020		0.224		0.0427
JAN	6,83	JAN	5,83		*****		0.16		*****		*****	!	*****		*****		0.0234
JAN	10,83	JAN	8,83		0.14		0.10		0.055		0.030	1	0.040		*****		0.0036
JAN	11,83	JAN	10,83	< T	0.02		0.10		0.010		0.020	<t< td=""><td>0.010</td><td></td><td>0.540</td><td></td><td>0.0468</td></t<>	0.010		0.540		0.0468
JAN	17,83	JAN	14,83	<t< td=""><td>0.01</td><td></td><td>0.05</td><td></td><td>0.010</td><td></td><td>0.015</td><td>;</td><td>0.020</td><td></td><td>0.010</td><td></td><td>0.0091</td></t<>	0.01		0.05		0.010		0.015	;	0.020		0.010		0.0091
JAN	19,83		18,83		*****		*****		*****		****	1	****		*****		*****
JAN	30,83	JAN	29,83		0.05		0.17		0.020		0.030	U	0.190		0.420		0.0245
FEB	11,83	FEB	10,83		*****		0.14		*****		****		******		0.048		*****
11477.4-77	15,83		14,83		*****		****		*****		*****		****		*****		*****
FEB	18,83		17,83		0.04		0.03	<1	0.005	<\	0.005		0.010		0.028	U	0.0000
	20,83	FEB	18,83		0.06		0.06	<1			0.020		0.030		0.198	G	0.0001
	27,83		26,83		0.34		0.09	(36)	0.020		0.030		0.060		1.760		0.0059
	2,83		1,83		*****		*****		*****		*****		*****		*****		*****
	12,83		11,83	U			0.14		0.050		0.010		0.070		0.640		0.0229
	18,83		17,83		****		****		*****		****		****		*****		*****
MAR	26,83		25,83		*****		****		*****		*****		*****		*****		*****
APR	1,83		31,83		0.08		0.19		0.020	u					0.262		0.0331
APR			1,83		0.07		0.05		0.010	U	0.2.0		****		0.104		0.0263
	13,83		12,83		0.22		0.16		0.025		0.055		0.065		0.044		*****
	14,83		13,83		0.10		0.05		0.015		0.030		0.030		0.016		0.0288
	16,83		15,83		0.11		0.03		0.015		0.040		0.035		0.006		0.0034
	27,83		26,83	U			0.05	U	0.100		0.045		0.035		0.830	U	0.0001
	28,83		27,83		0.23		0.04		0.040		0.030		0.040		0.500		0.0017
	13,83		12,83		0.60		0.08		0.105		0.060		0.050		0.360		0.0204
	16,83		15,83		*****		0.20		*****		*****		****		*****		0.0269
	21,83		20,83		0.12		0.08		0.030		0.060		0.045		0.166		0.0151
	28,83		27,83		0.31		0.10		0.060		0.090		0.135		0.310		0.0078
	29,83		28,83		*****		****		*****		*****		*****		*****		*****
	30,83		29,83		****		****		*****		****		*****		*****		*****
	16,83		15,83	<t< td=""><td></td><td>177212</td><td>0.11</td><td></td><td>0.005</td><td></td><td>0.015</td><td></td><td></td><td><t< td=""><td></td><td></td><td>0.0027</td></t<></td></t<>		177212	0.11		0.005		0.015			<t< td=""><td></td><td></td><td>0.0027</td></t<>			0.0027
	30,83		29,83		0.08	<w< td=""><td></td><td></td><td>0.015</td><td></td><td>0.095</td><td></td><td>0.015</td><td></td><td>0.088</td><td></td><td>0.0110</td></w<>			0.015		0.095		0.015		0.088		0.0110
JUL	4,83		2,83		0.07	<w< td=""><td>100 0 000</td><td></td><td>0.010</td><td>-</td><td>0.030</td><td></td><td>0.020</td><td></td><td>0.114</td><td></td><td>0.0093</td></w<>	100 0 000		0.010	-	0.030		0.020		0.114		0.0093
JUL			4,83		0.03	<w< td=""><td></td><td></td><td>0.005</td><td><1</td><td>0.010</td><td></td><td>0.015</td><td></td><td>0.018</td><td></td><td>0.0023</td></w<>			0.005	<1	0.010		0.015		0.018		0.0023
	15,83		14,83		0.53		0.07		0.075		0.070		0.105		0.580		0.0120
	29,83		28,83		0.25		0.10		0.025		0.045		0.040		0.480		0.0245
	31,83		30,83		0.04		0.03		0.015		0.045		0.040		0.184		0.0098
AUG	2,83	AUG			0.10		0.02		0.025		0.040		0.005		*****		0.0078
AUG	8,83	AUG	7,83		*****		0.14		*****		*****		*****	D	0.222	G	0.0001
	10,83	AUG	9,83		0.09		0.06		0.010		0.035		0.020		0.182		0.0126
AUG	18,83	AUG	17,83		0.19		0.03		0.025		0.030	<w< td=""><td>0.005</td><td></td><td>0.216</td><td></td><td>0.0015</td></w<>	0.005		0.216		0.0015

STATION NAME : LAC LA CROIX/DAILY/AEROCHEM #15

PAGE: 4

JIAIL	OH HANE . E	NO EN CHO	A PALE I ALIX	JOHEN	#15				, ,,,			
REMOVAL DATE	EXPOSURE DATE	SAMPLING START/END HR. HR	START/END		GAUGE DEPTH(MM)	GAUGE TYPE 01-STD.	SAMPLE NUMBER	PROJECT CODE 02-APIOS	SUBPROJECT CODE 01-MOE	SAMPLER EFFICI- ENCY		DENTS OFFICE
			0.7	02-SNOW	THE	02-NIPHER		03-SPECIAL	03-AES	(Z)		
			03-	-COMP/04-0	THER							
AUG 19,83	AUG 18,83	900 900) **** ****	1	3.7	1	32595	2	1	72	CD	
AUG 24,83	AUG 23,83	900 900		î	42.2	1	32596	2	î	103	CD	Н
SEP 9,83	SEP 8,83	900 900		1	38.1	1	32597	2	1	90	BCD	
SEP 10,83	SEP 9,83	900 900		1	8.8	1	32598	2	1	92	БОБ	HM
SEP 13,83	SEP 12,83	900 900		ī	3.2	ī	32599	2	î	37	С	NM
SEP 16,83	SEP 15,83	900 900) **** ****	1	12.0	1	32600	2	1	75	N20	15107.5
SEP 20,83	SEP 19,83	900 900) **** ****	1	10.3	1	32601	2	1	98		
OCT 5,83	OCT 4,83	900 900	**** ****	1	6.6	1	32131	2	1	87	CD	
OCT 6,83	OCT 5,83	900 900	**** ****	1	6.8	1	32132	2	1	85		HC
OCT 7,83	OCT 6,83	900 900) **** ***	1	3.1	1	32133	2	1	61	CD	HCM
OCT 8,83	OCT 7,83	900 900	**** ****	- 1	23.0	1	32134	2	1	81	C	
OCT 13,83	OCT 12,83	900 900	**** ***	3	8.8	1	32135	2	1	79		HCM
OCT 16,83	OCT 15,83	900 900) **** ****	3	14.8	1	32603	2	1	78	CD	
OCT 19,83	OCT 18,83	900 900) **** ****	1	1.2	1	32604	2	1	***	E	
OCT 24,83	OCT 23,83	900 900) **** ****	1	1.0	1	32605	2	1	***	E	
OCT 25,83	OCT 24,83	900 900	**** ****	1	2.9	1	32606	2	1	74	C	
NOV 14,83	NOV 4,83	900 900	**** ****	3	1.3	2	32607	2	1	23		NY10
NOV 22,83	NOV 19,83	900 900	**** ****	2	***	1	32608	2	1	****	CD	Y3
NOV 24,83	NOV 23,83	900 900	**** ****	2	28.0	2	32611	2	1	31	D	NCM
NOV 29,83	NOV 28,83	900 900) **** ***	2	13.8	2	32612	2	1	4	C	N
DEC 1,83	NOV 30,83	900 900) **** ***	2	1.4	2	32613	2	1	****	E	
DEC 12,83	DEC 10,83	900 900		2	17.9	2	32614	2	1	47	D	NY2
DEC 14,83	DEC 13,83	900 900		2	2.7	2	32615	2	1	85	CD	
DEC 15,83	DEC 14,83	900 900	**** ****	2	1.8	2	32616	2	1	35	C	N

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STATI	ON NAME : LA	C LA CROIX/DAI	LY/AEROCHEM	#15			PAGE : 5	
REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
DATE	DAIL	ML	UMHO/CM	71220	CAD	MG/L	MG/L	MG/L
AUG 19,83	AUG 18,83	172.0	21.0	****	4.70	0.0518	2.40	0.61
AUG 24,83	AUG 23,83	2808.0	5.6	****	5.40	0.0270	0.50	0.11
SEP 9,83	SEP 8,83	2203.0	5.1	****	G 6.42	0.0170	0.60	0.11
SEP 10,83	SEP 9,83	522.0	3.4	****	5.38	0.0228	0.10	<w 0.01<="" td=""></w>
SEP 13,83	SEP 12,83	77.0	*****	****	4.76	0.0368	0.85	<w 0.01<="" td=""></w>
SEP 16,83	SEP 15,83	582.0	D 16.6	****	D 4.55	0.0524	D 1.90	0.25
SEP 20,83	SEP 19,83	653.0	11.4	*****	4.68	0.0402	1.05	0.10
OCT 5,83	OCT 4,83	370.0	9.6	科技技技技	4.93	0.0324	0.85	0.16
OCT 6,83	QCT 5,83	372.0	5.0	****	5.52	0.0208	0.60	<t 0.01<="" td=""></t>
OCT 7,83	OCT 6,83	122.0	4.3	****	G 6.37	0.0128	0.15	0.09
OCT 8,83	OCT 7,83	1207.0	10.0	****	4.84	0.0356	0.90	0.11
OCT 13,83	OCT 12,83	446.0	4.4	*****	5.37	0.0208	0.30	<t 0.02<="" td=""></t>
OCT 16,83	OCT 15,83	748.0	10.5	****	4.86	0.0322	0.90	0.22
OCT 19,83	OCT 18,83	*****	****	****	*****	*****	*****	*****
OCT 24,83	OCT 23,83	*****	*****	*****	*****	*****	*****	*****
OCT 25,83	OCT 24,83	138.0	11.6	*****	4.96	0.0302	1.20	0.29
NOV 14,83	NOV 4,83	20.0	****	*****	*****	*****	*****	****
NOV 22,83	NOV 19,83	2233.0	10.5	****	4.70	0.0344	0.75	0.12
NOV 24,83	NOV 23,83	572.0	2.8	*****	5.51	0.0176	<t 0.05<="" td=""><td><t 0.01<="" td=""></t></td></t>	<t 0.01<="" td=""></t>
NOV 29,83	NOV 28,83	44.0	****	****	*****	*****	*****	*****
DEC 1,83	NOV 30,83	*****	*****	*****	*****	*****	****	****
DEC 12,83	DEC 10,83	546.0	10.0	*****	4.73	0.0344	0.55	0.16
DEC 14,83	DEC 13,83	148.0	6.2	****	5.06	0.0246	0.25	0.13
DEC 15,83	DEC 14,83	41.0	*****	****	*****	****	****	*****

STATION NAME : LAC LA CROIX/DAILY/AEROCHEM				#15			PAGE: 6	
REMOVAL DATE	EXPOSURE DATE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	AMMONIUM AS N	FREE H+
	75.10 E-75	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L	MG/L
AUG 19,83	AUG 18,83	0.38	0.09	0.050	0.045	0.030	0.680	0.0200
AUG 24,83	AUG 23,83	0.10	0.03	0.010	0.055	0.070	0.166	0.0040
SEP 9,83	SEP 8,83	0.27	<w 0.01<="" td=""><td>0.050</td><td>0.035</td><td>0.040</td><td>0.314</td><td>G 0.0004</td></w>	0.050	0.035	0.040	0.314	G 0.0004
SEP 10,83	SEP 9,83	0.06	<w 0.01<="" td=""><td>0.010</td><td>0.015</td><td><w 0.005<="" td=""><td>0.108</td><td>0.0042</td></w></td></w>	0.010	0.015	<w 0.005<="" td=""><td>0.108</td><td>0.0042</td></w>	0.108	0.0042
SEP 13,83	SEP 12,83	0.07	<w 0.01<="" td=""><td>0.010</td><td>0.025</td><td>0.025</td><td>0.010</td><td>0.0174</td></w>	0.010	0.025	0.025	0.010	0.0174
SEP 16,83	SEP 15,83	D 0.18	D 0.02	0.020	0.030	<t 0.010<="" td=""><td>0.278</td><td>D 0.0282</td></t>	0.278	D 0.0282
SEP 20,83	SEP 19,83	<t 0.02<="" td=""><td>0.02</td><td>0.005</td><td>0.015</td><td><t 0.010<="" td=""><td>0.168</td><td>0.0209</td></t></td></t>	0.02	0.005	0.015	<t 0.010<="" td=""><td>0.168</td><td>0.0209</td></t>	0.168	0.0209
OCT 5,83	OCT 4,83	0.05	<w 0.01<="" td=""><td>0.010</td><td>0.035</td><td>0.025</td><td>0.240</td><td>0.0117</td></w>	0.010	0.035	0.025	0.240	0.0117
OCT 6,83	OCT 5,83	0.03	<w 0.01<="" td=""><td>0.015</td><td>0.020</td><td>0.015</td><td>0.158</td><td>0.0030</td></w>	0.015	0.020	0.015	0.158	0.0030
OCT 7,83	OCT 6,83	0.05	0.04	0.010	0.025	0.040	0.066	G 0.0004
OCT 8,83	OCT 7,83	0.04	0.05	0.010	0.030	0.020	0.118	0.0145
OCT 13,83	OCT 12,83	<t 0.02<="" td=""><td>0.10</td><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.015</td><td>0.014</td><td>0.0043</td></t></td></t></td></t>	0.10	<t 0.005<="" td=""><td><t 0.005<="" td=""><td>0.015</td><td>0.014</td><td>0.0043</td></t></td></t>	<t 0.005<="" td=""><td>0.015</td><td>0.014</td><td>0.0043</td></t>	0.015	0.014	0.0043
OCT 16,83	OCT 15,83	0.03	<t 0.01<="" td=""><td>0.005</td><td><t 0.010<="" td=""><td><t 0.010<="" td=""><td>D 0.270</td><td>0.0138</td></t></td></t></td></t>	0.005	<t 0.010<="" td=""><td><t 0.010<="" td=""><td>D 0.270</td><td>0.0138</td></t></td></t>	<t 0.010<="" td=""><td>D 0.270</td><td>0.0138</td></t>	D 0.270	0.0138
OCT 19,83	OCT 18,83	*****	*****	****	*****	****	*****	米米米米米
OCT 24,83	OCT 23,83	*****	*****	*****	*****	*****	*****	*****
OCT 25,83	OCT 24,83	0.07	0.06	0.010	0.060	0.045	0.430	0.0110
NOV 14,83	NOV 4,83	*****	****	*****	*****	*****	*****	****
NOV 22,83	NOV 19,83	0.05	0.02	0.005	<t 0.005<="" td=""><td>0.020</td><td>0.030</td><td>0.0200</td></t>	0.020	0.030	0.0200
NOV 24,83	NOV 23,83	<t 0.02<="" td=""><td><t 0.01<="" td=""><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.010<="" td=""><td><t 0.002<="" td=""><td>0.0031</td></t></td></t></td></t></td></t></td></t></td></t>	<t 0.01<="" td=""><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.010<="" td=""><td><t 0.002<="" td=""><td>0.0031</td></t></td></t></td></t></td></t></td></t>	<t 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.010<="" td=""><td><t 0.002<="" td=""><td>0.0031</td></t></td></t></td></t></td></t>	<t 0.005<="" td=""><td><t 0.010<="" td=""><td><t 0.002<="" td=""><td>0.0031</td></t></td></t></td></t>	<t 0.010<="" td=""><td><t 0.002<="" td=""><td>0.0031</td></t></td></t>	<t 0.002<="" td=""><td>0.0031</td></t>	0.0031
NOV 29,83	NOV 28,83	*****	*****	****	*****	*****	英 英英英英英	*****
DEC 1,83	NOV 30,83	*****	****	*****	*****	*****	*****	*****
DEC 12,83	DEC 10,83	<t 0.02<="" td=""><td>0.02</td><td><t 0.005<="" td=""><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.036</td><td>0.0186</td></t></td></w></td></t></td></t>	0.02	<t 0.005<="" td=""><td><w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.036</td><td>0.0186</td></t></td></w></td></t>	<w 0.005<="" td=""><td><t 0.010<="" td=""><td>0.036</td><td>0.0186</td></t></td></w>	<t 0.010<="" td=""><td>0.036</td><td>0.0186</td></t>	0.036	0.0186
DEC 14,83	DEC 13,83	*****	0.04	****	*****	*****	*****	0.0087
DEC 15,83	DEC 14,83	*****	*****	****	*****	*****	*****	*****

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STATION NAME : QUETICO CENTRE/DAILY/AEROCHEM #14

	SINII	OH HAIL		OLITO	CLITT	KL/ DA	LLIZAL	ROCHEN	#14				FAC			
	MOVAL DATE	EXPOS DAT		START	PLING F/END HR.	STAR	HR.	SAMPLE TYPE 01-RAIN 02-SNOW -COMP/04-0	GAUGE DEPTH(MM)	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES		CI- FIEL	MMENTS D OFFICE
FEB	21,83	FEB 20	,83	800	****	800	700	2	12.1	2	33143	2	1	***	FEI.	
FEB	28,83	FEB 27	,83		****	1400	1000	2	7.1	2	33144	2	1	***		
	2,83	MAR 1		1000			900	2	1.3	2	33145	2	1	***		
MAR		MAR 2		1000		1200		2	0.7	2	33146	2	1	***		
		MAR 4		1000			1800	2	***	2	33147	2	1	***	7	
	14,83	MAR 13		1000			1000	2	1.6	2	33149	2	1	57		
		MAR 17			800	1300		2	2.3	2	33150	2	1	26		N
	30,83	MAR 29		1000			1000	2	0.7	2	33151	2	1	***		
	1,83	MAR 31			1400		1400	3	4.1	2	33152	2	1	***		
	11,83	APR 10			1000		1400	1	3.5	2	33153	2	1	***		
	13,83	APR 12			800	600		2	0.2	2	33154	2	1	***		
	14,83	APR 13		800	800 800	800	800 ****	2	6.3	2 ,	33156	2	1	***		
	15,83	APR 14		800	800				16.3	2	33155	2	1	23		N
	29,83	APR 26 APR 28		800 800	800	1330		1 3	3.4 6.6	2	33157 33158	2	1	121		N H
	4,83			800	800	****		3	4.4	2	33159	2	1	119		н
	13,83		5.0	800	800		****	1	4.5	1	33162	2	1	99		.0.
	18,83			800	800		****	1	2.6	1	33163	2	1	91		нсм
	20,83			800	800	1100	800	î	0.7	1	33164	2	1	U 439		NHM
	21,33	MAY 20		800	800	700	800	î	0.3	2	33160	2	î	***		141111
		MAY 21		800	800	800	900	î	0.1	2	33161	2	1	***		
	24,83			800	800	****	700	1	2.4	1	33165	2	i	89		нм
	29,83	MAY 28		800	800		2000	1	25.2	1	33166	2	î	100		Н
	30,83	MAY 29		800	800		***	1	0.4	1	33167	2	ī	***		
	3,83	JUN 2		800	800	1700		1	0.5	1	33168	2	1	***		
	4,83	JUN 3		800	800	1500	2000	1	19.8	1	33169	2	1	100		
JUN	5,83	JUN 4	,83	800	800	****	****	1	0.8	1	33170	2	1	***	EK EK	
JUN	9,83	JUN 8	,83	800	800	1400	1600	1	2.0	1	33171	2	1	85	5 D	
JUN	13,83	JUN 12	,83	800	900	2200	****	1	6.5	1	33172	2	1	103	S D	
JUN	15,83	JUN 14	,83	800	800	1200	2100	1	13.2	1	33173	2	1	102	D D	
JUN	16,83	JUN 15	,83	800	800	1400	800	1	14.6	1	33174	2	1	102	2 D	HM
-JUN	17,83	JUN 16	,83	800	800	1200	关关关关	1	1.2	1	33175	2	1	***	€ EK	
JUN	22,83	JUN 21	,83	800	800	***	700	1	50.0	1	33176	2	1	U) EG	
	25,83	JUN 24		800	600	***		1	18.0	1	33177	2 *	1	34		N
	26,83	JUN 25		800	800	1200		1	12.0	1	33178	2	1	45		N
	27,83	JUN 26		800	800		1630	1	3.2	1	33179	2	1	U 464		И
	30,83	JUN 29		800	800	****		1	8.4	1	33180	2	1	91		_
	1,83	JUN 30		800	800		****	1	4.5	1	33181	2	1	98		С
	4,83	JUL 1		800	800	****		1	33.0	1	33182	2	1	96		Y3
"JUL	5,83	JUL 4	,83	800	800	830	1200	1	6.0	1	33183	2	1	85	5 D	HM

PAGE: 2

STATION	NAME	: OHETICO	CENTRE/DAILY/AFROCHEM	#14

	J.A.L	OIT ITALIE		ociico ccirricii	ALLY ALKOCILLI	***				I NOL . E	
REN	IOVAL	EXPOS	URE	VOLUME	CONDUCT.	PH		PH	TOTAL H+	SULPHATE	NITRATE
	DATE	DAT				FIELD		LAB	TO PH8.3		AS N
				ML	UMHO/CM				MG/L	MG/L	MG/L
				***						1107 E	1107 E
FEB	21,83	FEB 20	,83	****	*****	****	*	****	****	*****	*****
FEB	28,83	FEB 27	,83	*****	*****	*****	3	****	*****	*****	*****
MAR	2,83	MAR 1	,83	*****	*****	*****	3	****	*****	*****	*****
MAR	3,83		,83	*****	*****	*****	*	****	*****	*****	*****
MAR	5,83		,83	156.0	30.0	*****	U	6.27	0.0276	5.40	0.87
	14,83	MAR 13		59.0	*****	*****	U	7.01	0.0214	1.30	0.21
	18,83	MAR 17		39.0	*****	*****		5.66	0.0162	0.15	<w 0.01<="" td=""></w>
	30,83	MAR 29		*****	*****	*****	*	*****	****	*****	*****
APR	1,83	MAR 31		****	*****	*****		****	*****	****	*****
	11,83	APR 10		****	****	*****		****	*****	*****	*****
	13,83	APR 12		*****	*****	*****		****	*****	*****	*****
	14,83	APR 13		*****	*****	*****		****	*****	*****	*****
	15,83	APR 14		241.0	13.7	*****		4.59	0.0502	1.05	0.13
	27,83	APR 26		264.0	12.3	*****	U	6.78	0.0248	1.80	0.28
	29,83	APR 28		424.0	7.9	*****		5.59	0.0238	1.25	0.17
МАУ	4,83	NAY 3		338.0	6.6	*****		5.76	0.0200	1.20	0.07
	13,83	MAY 12		288.0	23.4	*****		4.42	0.0626	2.20	0.22
	18,83	MAY 17		153.0	11.8	*****	G	6.32	0.0218	1.60	0.41
	20,83	MAY 19		197.0	8.6	*****		5.61	0.0224	1.05	0.14
	21,83	MAY 20	And the second	*****	*****	*****	4	****	*****	*****	*****
	22,83	MAY 21		*****	*****	*****		*****	*****	*****	*****
	24,83	MAY 23	7505.5	138.0	*****	*****	U	6.91	0.0206	1.10	0.34
	29,83	MAY 28		1621.0	6.6	*****		5.30	0.0238	0.80	0.13
	30,83	MAY 29		*****	*****	*****	4	****	*****	*****	*****
JUN	3,83		2,83	*****	*****	*****		*****	*****	*****	*****
JUN	4,83		3,83	1281.0	5.8	*****		5.18	0.0234	0.55	0.09
JUN	5,83		,83	*****	*****	*****	4	*****	*****	*****	*****
JUN	9,83	JUN 8		110.0	*****	*****	G	6.78	0.0182	1.60	0.22
	13,83	JUN 12		433.0	11.7	*****	•	5.05	0.0316	1.65	0.21
	15,83	JUN 14		869.0	12.1	*****		4.80	0.0346	1.45	0.14
	16,83	JUN 15		956.0	3.8	*****		5.46	0.0178	0.30	0.08
	17,83	JUN 16		*****	*****	*****	*	*****	*****	*****	*****
	22,83	JUN 21		5.0	*****	*****		*****	*****	*****	*****
	25,83	JUN 24		398.0	18.0	*****		4.73	0.0436	2.65	0.25
	26,83	JUN 25		347.0	18.3	*****		4.67	0.0470	2.70	0.25
	27,83	JUN 26		953.0	18.0	*****		4.66	0.0452	2.65	0.25
	30,83	JUN 29		495.0	14.6	*****		4.53	0.0454	1.30	0.16
JUL	1,83	JUN 30		284.0	3.3	*****		5.44	0.0178	0.25	0.03
JUL	4,83		,83	2036.0	6.6	*****		5.02	0.0260	0.40	0.14
JUL			1,83	327.0	2.1	*****		5.60	0.0170	<w 0.05<="" td=""><td><t 0.02<="" td=""></t></td></w>	<t 0.02<="" td=""></t>
JUL	2,03	JUL 4	1,03	321.0	2.1	KKKKKK		3.00	0.0170	N 0.03	1 0.02

STATION NAME : QUETICO CENTRE/DATLY/AFROCHEM #14

	STATI	ON NAME : QU	UETIC	O CENTRE	/DAILY/	AEROCHEM	#14						P)	AGE: 3		
	MOVAL	EXPOSURE DATE		CALCIUM		CHLORIDE		MAGNESIM		POTASSIM		SODIUM		AMMONIUM AS N		FREE H+
				MG/L		MG/L		MG/L		MG/L	ik.	MG/L		MG/L		MG/L
FEB	21,83	FEB 20,83		****		****		*****		*****		****		****		****
FEB	28,83	FEB 27,83		*****		*****		*****		*****		*****		*****		*****
MAR	2,83	MAR 1,83		*****		*****		*****		*****		*****		*****		*****
MAR		MAR 2,83		*****		*****		*****		*****		*****		*****		*****
MAR	5,83	MAR 4,83	U	1.98	U	0.45	U	0.120	U	0.225	U	0.310		1.090	U	0.0005
MAR	14,83	MAR 13,83		*****	U	0.45		*****		*****		*****		0.066	U	0.0001
MAR	18,83	MAR 17,83		*****		0.05		*****		*****		*****		*****		0.0022
HAR	30,83	MAR 29,83		*****		*****		*****		*****		*****		*****		*****
APR	The state of the s	MAR 31,83		*****		*****		*****		****		*****		*****		*****
	11,83	APR 10,83		*****		*****		*****		****		*****		*****		*****
	13,83	APR 12,83		*****		*****		*****		*****		*****		****		*****
	14,83	APR 13,83		****		*****		*****		****		*****		****		*****
	15,83	APR 14,83		0.09		0.02		0.010		0.030		0.025		0.028		0.0257
	27,83	APR 26,83	U	0.67		0.03		0.055		0.050		0.060		0.750	U	0.0002
	29,83	APR 28,83	700	0.15	<1	0.01		0.025		0.030		0.015		0.430		0.0026
	4,83	MAY 3,83		0.19		0.01		0.035		0.040	22	0.020		0.338		0.0017
	13,83	MAY 12,83		0.26		0.04		0.050		0.035		0.040		0.148		0.0380
	18,83	MAY 17,83		0.33		0.04		0.070		0.060		0.030		0.232	G	0.0005
	20,83	MAY 19,83		0.18		0.10		0.035		0.100		0.065		0.670		0.0025
	21,83	MAY 20,83		*****		****		*****		*****		*****		*****		*****
	22,83	MAY 21,83		*****	-	*****		*****		*****	1222	****		****	72.67	*****
	24,83	MAY 23,83	2	0.44	U	0.40		0.085	U	0.490	U			0.068	U	0.0001
	29,83	MAY 28,83	D	0.24		0.03		0.060		0.045		0.045		0.156		0.0050
	30,83	MAY 29,83		*****		*****		*****		****		*****		*****		*****
JUN		JUN 2,83		*****		*****		****		*****		*****		****		*****
JUN		JUN 3,83		*****		0.03		*****		*****		*****		0.134		0.0066
JUN		JUN 4,83		*****		*****		*****		*****		*****		*****		*****
JUN		JUN 8,83		*****		0.34		*****		*****		*****		0.350	G	0.0002
	13,83	JUN 12,83		0.20		0.08		0.035		0.100		0.045		0.420		0.0089
	15,83	JUN 14,83		0.08		0.14		0.015		0.045		0.035		0.216		0.0158
	16,83	JUN 15,83		0.05		0.12		0.010		0.055	<1	0.010		0.050		0.0035
	17,83	JUN 16,83 JUN 21,83		*****		*****		*****		*****		*****		*****		*****
	25,83	JUN 24,83	17	*****		*****		*****		*****		*****		*****		*****
	26,83	JUN 25,83		0.25		0.07		0.030		0.045		0.040		0.540		0.0186
	27,83	JUN 26,83								0.035		0.020		0.540		
	30,83	JUN 29,83		0.26	<w< td=""><td>0.07</td><td></td><td>0.030</td><td></td><td>0.030</td><td></td><td>0.020</td><td></td><td>0.540</td><td></td><td>0.0219</td></w<>	0.07		0.030		0.030		0.020		0.540		0.0219
JUL		JUN 30,83		0.07	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.020</td><td></td><td>0.015</td><td></td><td>0.124</td><td></td><td>0.0295</td></w<>	0.01		0.010		0.020		0.015		0.124		0.0295
JUL								0.005		0.030		0.015		0.052		0.0036
JUL		JUL 1,83		0.08	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.025</td><td><t< td=""><td>0.010</td><td></td><td>0.114</td><td></td><td>0.0095</td></t<></td></w<>	0.01		0.010		0.025	<t< td=""><td>0.010</td><td></td><td>0.114</td><td></td><td>0.0095</td></t<>	0.010		0.114		0.0095
JUL	5,03	JUL 4,83		0.06	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.135</td><td></td><td>0.040</td><td></td><td>0.010</td><td></td><td>0.0025</td></w<>	0.01		0.010		0.135		0.040		0.010		0.0025

STATION NAME : QUETICO CENTRE/DAILY/AEROCHEM #14

REMO	VAL	EXF	OSURE	SAME	PLING	PRI	CIP	SAMPLE	GAUGE	GAUGE	SAMPLE	PROJECT	SUBPROJECT	SAMPLER	COMM	IENTS
DA	TE	E	DATE	START	T/END	STAR	/END	TYPE	DEPTH(MM)	TYPE	NUMBER	CODE	CODE	EFFICI-		
					HR.	HR.	HR.	01-RAIN		O1-STD.		02-APIOS	01-M0E	ENCY	10270	
						100000		02-SNOW		02-NIPHER		03-SPECIAL	03-AES	(%)		
							03-	COMP/04-0	THED	or marmen		OS DI ECIAL	OJ ALO	(7.7		
							0.5	COMP / OT O	THEK							
JUL 1	7.87	3011	16,83	800	800	1100	1500	1	30.3	1	33185	2	1	101		
JUL 1			18,83	800	800	2100		1	12.0	1	33184	2	1	95		
			23,83		800	1100			2.0	1	33186		1			
JUL 2				800				1				2		30	C	И
JUL 2			27,83	800	800	1700		1	17.0	1	33187	2	1	105	D	
JUL 3			30,83	800	800		***	1	25.0	1	33188	2	1	101	D	C
	1,83		31,83	800	800	****		1	1.0	1	33189	2	1	****	E	
	3,83	AUG	2,83	800	800	1700		1	13.0	1	33190	2	1	97	CD	
	8,83	AUG	7,83	800	800	2000		1	7.0	1	33191	2	1	88	CD	100
AUG 1		AUG	9,83		1000		****	1	7.2	1	33192	2	1	89	CD	С
AUG 1	HOTE MINILARES		10,83	1000	800	1000	200	1	14.8	1	33193	2	1	96	CD	HCM
AUG 1	9,83	AUG	18,83	800	800	2100	300	1	2.8	1	33194	1 2	1	95	CD	
AUG 2	2,83	AUG	21,83	800	800	1100	2200	1	11.0	1	33195	2	1	76	CD	Н
AUG 2	4,83	AUG	23,83	800	800	2100	****	1	5.6	1	33196	2	1	90	CD	C
AUG 2	8,83	AUG	27,83	800	800	1900	2300	1	24.2	1	33197	2	1	102	CD	C
AUG 3	0,83	AUG	29,83	800	800	1100	1400	1	6.2	1	33198	2	1	89	CD	Н
SEP	2,83	SEP	1,83	800	800	2000	2100	1	0.4	1	33199	2	1	****	E	
SEP	9,83	SEP	8,83	800	800	2300	100	1	32.1	1	33200	2	1	100	D	
SEP 1		SEP	9,83	800	800	700	800	1	16.2	1	33201	2	1	97		HCM
SEP 1			12,83	800	800	1600	2000	1	0.5	1	33202	2	1	***	E	
SEP 1			15,83		1000	1600		1	6.2	1	33203	2	1	54	c	М
SEP 1			17,83	1900		****		ī	6.8	1	33204	2	1	56	c	
SEP 2			20,83	800	800	1200		î	7.4	î	33205	2	î	78	c	CM
SEP 2			21,83	800	800	****		î	0.4	î	33206	2	1	****	E	CH
SEP 2			28,83	800	800	1600		1	6.0	1	33207	2	1	71	CD	
			29,83	800	800	****	800	1	7.0	1	33209	2	1	80	D	LDA
SEP 3						1000	800	1					1			HM
OCT			30,83	800	800				25.3	1	33210	2		102	С	
	3,83	OCT		800	800	1200	800	1	10.8	1	33211	2	1	95	C	C
	5,83	OCT		830	830	1200		1	4.8	1	33212	2	1	83	С	
	6,83	OCT	5,83	830	800	1200		1	2.2	1	33213	2	1	70	C	
	8,83	OCT	7,83	900	900		1500	1	3.1	1	33214	2	1	64	C	н
_OCT 1		OCT	8,83	900	800	1200		1	16.6	1	33215	2	1	40	C	NY3
OCT 1			11,83	800	800		1000	1	0.5	1	33217	2	1	***	E	
OCT 1	3,83	OCT	12,83	800	800	1200	1700	3	16.2	1	33218	2	1:	71	CD	HM
OCT 1	4,83	OCT	13,83	800	800	1100	1500	3	4.2	1	33219	2	1	79	C	
OCT 1	7,83	OCT	14,83	800	800	1100	1600	1	11.6	1	33220	2	1	77	ACD	HMY3
OCT 2	5,83	OCT	24,83	800	800	1000	1500	1	4.6	1	33222	2	1	74		HM
NOV 1	4,83	NOA	13,83	800	800	1000	800	2	1.2	2	33224	2	1	****		
NOV 1	6,83	NOA	15,83	800	1000	****	****	1	0.1	1	33223	2	1	****	E	
NOV 2		NOA	20,83	800	900	1600	900	3	32.4	2	33225	2	1	64	D	
NOV 2				900	900	900	930	2	1.0	2	33226	2	1	***	K	
		533.505		555	2.22	1707 6			1000000	8.75	Chilledon	77.5	28		502	

STATION NAME : QUETICO CENTRE/DAILY/AFROCHEM	#14	PAGE : 5	

REMOVAL	EXPOSURE	VOLUME	CONDUCT.	PH	PH	TOTAL H+	SULPHATE	NITRATE
DATE	DATE			FIELD	LAB	TO PH8.3		AS N
		ML	UMHO/CM		Constant •	MG/L	MG/L	MG/L
JUL 17,83	JUL 16,83	1969.0	10.8	****	4.97	0.0316	1.35	0.19
JUL 19,83	JUL 18,83	735.0	8.3	*****	4.92	0.0314	0.35	0.19
JUL 24,83	JUL 23,83	39.0	****	*****	G 6.05	0.0190	0.25	0.02
JUL 28,83	JUL 27,83	1149.0	9.0	****	4.96	0.0278	1.00	0.12
JUL 31,83	JUL 30,83	1624.0	4.4	*****	5.31	0.0208	0.30	0.06
AUG 1,83	JUL 31,83	*****	****	*****	*****	*****	*****	****
AUG 3,83	AUG 2,83	810.0	11.5	*****	4.84	0.0326	1.25	0.17
AUG 8,83	AUG 7,83	398.0	8.7	****	G 6.96	0.0172	0.80	0.25
AUG 10,83	AUG 9,83	413.0	4.9	****	5.26	0.0228	0.40	0.03
AUG 11,83	AUG 10,83	920.0	5.2	****	5.22	0.0242	0.25	0.04
AUG 19,83	AUG 18,83	172.0	11.5	****	5.00	0.0324	1.05	0.33
AUG 22,83	AUG 21,83	537.0	8.3	****	5.18	0.0272	0.70	0.18
AUG 24,83	AUG 23,83	326.0	4.2	****	5.32	0.0256	0.25	0.07
AUG 28,83	AUG 27,83	1586.0	3.4	****	5.72	0.0212	0.30	0.05
AUG 30,83	AUG 29,83	357.0	6.0	****	5.88	0.0214	0.65	0.16
SEP 2,83	SEP 1,83	****	*****	*****	****	*****	****	*****
SEP 9,83	SEP 8,83	2061.0	6.8	****	G 6.34	0.0198	1.10	0.18
SEP 10,83	SEP 9,83	1011.0	2.8	*****	5.49	0.0200	<w 0.05<="" td=""><td><w 0.01<="" td=""></w></td></w>	<w 0.01<="" td=""></w>
SEP 13,83	SEP 12,83	*****	*****	*****	*****	*****	*****	****
SEP 16,83	SEP 15,83	216.0	10.4	*****	4.72	0.0392	0.90	0.04
SEP 18,83	SEP 17,83	247.0	14.0	****	4.64	0.0434	1.20	0.25
SEP 21,83	SEP 20,83	372.0	1.5	*****	6.08	0.0168	<w 0.05<="" td=""><td><w 0.01<="" td=""></w></td></w>	<w 0.01<="" td=""></w>
SEP 22,83	SEP 21,83	*****	*****	*****	*****	*****	*****	****
SEP 29,83	SEP 28,83	274.0	23.5	*****	4.65	0.0516	3.45	0.42
SEP 30,83	74. 144. A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	360.0	7.3	*****	5.06	0.0282	0.90	0.40
OCT 1,83	SEP 30,83	1659.0	15.4	*****	4.89	0.0336	2.20	0.31
OCT 3,83	OCT 2,83	663.0	4.5	*****	5.33	0.0230	0.30	0.07
OCT 5,83	[편] [전기기 : [11년(1일기기	257.0	8.2	*****	5.07	0.0270	0.80	0.13
OCT 6,83		100.0	8.5	****	5.18	0.0278	1.00	0.15
OCT 8,83		128.0	6.3	****	U 6.51	0.0166	0.55	0.14
OCT 11,83	OCT 8,83	427.0	11.0	*****	4.76	0.0372	1.15	0.14
OCT 12,83		*****	*****	*****	*****	*****	*****	*****
_OCT 13,83		745.0	4.3	*****	5.18	0.0230	0.30	0.04
OCT 14,83		215.0	6.4	****	D 4.95	0.0284	0.40	0.12
OCT 17,83		578.0	12.5	*****	4.79	0.0350	1.15	0.23
OCT 25,83		219.0	9.4	*****	4.99	0.0244	1.00	0.20
NOV 14,83	[[전하프라함 - 10도시크] ([[[[[[[[[[[[[[[[[[[*****	*****	*****	*****	*****	*****	*****
NOV 16,83	물레이 되었다. 그리게임의 특히하였다	*****	****	*****	*****	*****	****	*****
NOV 21,83		1349.0	16.5	计计计计计计	4.56	0.0452	1.35	0.22
NOV 22,83	NOV 21,83	*****	****	*****	*****	*****	*****	****

STATION NAME : QUETICO CENTRE/DAILY/AEROCHEM #14

			10,000 N											10.000			
	MOVAL DATE		OSURE		CALCIUM		CHLORIDE		MAGNESIM		POTASSIM		SODIUM	A	MMONIUM AS N		FREE H+
•	ZAIL		AIL		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L		MG/L
JUL	17,83		16,83		0.25		0.06		0.015		0.030		0.015		0.240		0.0107
JUL	19,83	JUL	18,83		0.05		0.04	<w< td=""><td>0.005</td><td></td><td>0.020</td><td>< T</td><td>0.010</td><td>2</td><td>0.060</td><td></td><td>0.0120</td></w<>	0.005		0.020	< T	0.010	2	0.060		0.0120
JUL	24,83	JUL	23,83		*****		0.11		****		****		****	*	****	G	0.0009
JUL	28,83	JUL	27,83	<t< td=""><td>0.01</td><td><w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.105</td><td></td><td>0.050</td><td></td><td>0.264</td><td></td><td>0.0110</td></w<></td></t<>	0.01	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.105</td><td></td><td>0.050</td><td></td><td>0.264</td><td></td><td>0.0110</td></w<>	0.01		0.010		0.105		0.050		0.264		0.0110
JUL	31,83	JUL	30,83	<t< td=""><td>0.01</td><td><w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.025</td><td></td><td>0.010</td><td>9</td><td>0.052</td><td></td><td>0.0049</td></w<></td></t<>	0.01	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.025</td><td></td><td>0.010</td><td>9</td><td>0.052</td><td></td><td>0.0049</td></w<>	0.01		0.010		0.025		0.010	9	0.052		0.0049
AUG	1,83	JUL	31,83		*****		*****		*****		*****		****	*	****		*****
AUG	3,83	AUG	2,83		0.08		0.02		0.015		0.035		0.010		0.308		0.0145
AUG	8,83	AUG	7,83		0.64		0.03		0.150		0.095		0.030)	0.334	G	0.0001
AUG	10,83	AUG	9,83		0.06		0.04	<w< td=""><td>0.005</td><td><w< td=""><td>0.005</td><td><w< td=""><td>0.005</td><td>9</td><td>0.082</td><td></td><td>0.0055</td></w<></td></w<></td></w<>	0.005	<w< td=""><td>0.005</td><td><w< td=""><td>0.005</td><td>9</td><td>0.082</td><td></td><td>0.0055</td></w<></td></w<>	0.005	<w< td=""><td>0.005</td><td>9</td><td>0.082</td><td></td><td>0.0055</td></w<>	0.005	9	0.082		0.0055
AUG	11,83	AUG	10,83		0.05	<w< td=""><td>0.01</td><td><w< td=""><td>0.005</td><td><t< td=""><td>0.010</td><td>< W</td><td>0.005</td><td>3</td><td>0.062</td><td></td><td>0.0060</td></t<></td></w<></td></w<>	0.01	<w< td=""><td>0.005</td><td><t< td=""><td>0.010</td><td>< W</td><td>0.005</td><td>3</td><td>0.062</td><td></td><td>0.0060</td></t<></td></w<>	0.005	<t< td=""><td>0.010</td><td>< W</td><td>0.005</td><td>3</td><td>0.062</td><td></td><td>0.0060</td></t<>	0.010	< W	0.005	3	0.062		0.0060
AUG	19,83	AUG	18,83		0.38		0.06		0.060		0.050		0.035		0.204		0.0100
AUG	22,83	AUG	21,83		0.18		0.05		0.020		0.020		0.025		0.212		0.0066
AUG	24,83	AUG	23,83		0.06		0.02	<w< td=""><td>0.005</td><td><t< td=""><td>0.010</td><td><w< td=""><td>0.005</td><td>1</td><td>0.064</td><td></td><td>0.0048</td></w<></td></t<></td></w<>	0.005	<t< td=""><td>0.010</td><td><w< td=""><td>0.005</td><td>1</td><td>0.064</td><td></td><td>0.0048</td></w<></td></t<>	0.010	<w< td=""><td>0.005</td><td>1</td><td>0.064</td><td></td><td>0.0048</td></w<>	0.005	1	0.064		0.0048
AUG	28,83	AUG	27,83		0.10		0.02		0.015	<w< td=""><td>0.005</td><td></td><td>0.030</td><td>9</td><td>0.106</td><td></td><td>0.0019</td></w<>	0.005		0.030	9	0.106		0.0019
AUG	30,83	AUG	29,83		0.13		0.04		0.025		0.045		0.030	9	0.330		0.0013
SEP	2,83	SEP	1,83		****		****		****		*****		****	*	****		*****
SEP	9,83	SEP	8,83		0.38		0.04		0.055		0.050		0.055		0.340	G	0.0005
SEP	10,83	SEP	9,83		0.06	<w< td=""><td>0.01</td><td></td><td>0.005</td><td></td><td>0.025</td><td></td><td>0.015</td><td></td><td>0.090</td><td></td><td>0.0032</td></w<>	0.01		0.005		0.025		0.015		0.090		0.0032
SEP	13,83	SEP	12,83		*****		*****		****		*****		*****	*	***		*****
SEP	16,83	SEP	15,83		0.05	<w< td=""><td>0.01</td><td></td><td>0.010</td><td></td><td>0.015</td><td><w< td=""><td>0.005</td><td>9</td><td>0.112</td><td></td><td>0.0191</td></w<></td></w<>	0.01		0.010		0.015	<w< td=""><td>0.005</td><td>9</td><td>0.112</td><td></td><td>0.0191</td></w<>	0.005	9	0.112		0.0191
SEP	18,83	SEP	17,83		0.18		0.02		0.015		0.045		0.030	9	0.178		0.0229
SEP	21,83	SEP	20,83		0.04		0.04	< W	0.005		0.045	<t< td=""><td>0.010</td><td>9</td><td>0.078</td><td></td><td>0.0008</td></t<>	0.010	9	0.078		0.0008
SEP	22,83	SEP	21,83		*****		*****		*****		*****		****	*	****		*****
SEP	29,83	SEP	28,83		0.42		0.16		0.060		0.060	U	0.180	<u> </u>	0.750		0.0224
SEP	30,83	SEP	29,83	< T	0.02	<w< td=""><td>0.01</td><td>< T</td><td>0.005</td><td><t< td=""><td>0.010</td><td></td><td>0.015</td><td>9</td><td>0.158</td><td></td><td>0.0087</td></t<></td></w<>	0.01	< T	0.005	<t< td=""><td>0.010</td><td></td><td>0.015</td><td>9</td><td>0.158</td><td></td><td>0.0087</td></t<>	0.010		0.015	9	0.158		0.0087
OCT	1,83	SEP	30,83		0.42		0.15		0.070		0.050		0.120	//	0.400		0.0129
OCT	3,83	OCT	2,83		0.03	<w< td=""><td>0.01</td><td></td><td>0.005</td><td></td><td>0.020</td><td></td><td>0.010</td><td></td><td>0.068</td><td></td><td>0.0047</td></w<>	0.01		0.005		0.020		0.010		0.068		0.0047
OCT	5,83	OCT	4,83		0.05		0.12		0.010		0.060	D	0.110		0.176		0.0085
OCT	6,83	OCT	5,83		0.11		0.02		0.015		0.035		0.135		0.210		0.0066
OCT	8,83	OCT	7,83		0.13	U	0.50	U	0.015	U	0.430	U	0.325	9	0.130	U	0.0003
OCT	11,83	OCT	8,83		0.04	< M	0.01		0.005		0.020		0.020	30	0.138		0.0174
OCT	12,83	OCT	11,83		*****		*****		*****		*****		*****	*	****		*****
OCT	13,83	OCT	12,83	< T	0.02	< W	0.01	<1	0.005	<t< td=""><td>0.005</td><td></td><td>0.020</td><td></td><td>0.138</td><td></td><td>0.0066</td></t<>	0.005		0.020		0.138		0.0066
ост	14,83	OCT	13,83		0.04	< W			0.005	<w< td=""><td>0.005</td><td></td><td>0.030</td><td></td><td>0.006</td><td>D</td><td>0.0112</td></w<>	0.005		0.030		0.006	D	0.0112
OCT	17,83	OCT	14,83		0.08	<w< td=""><td></td><td></td><td>0.005</td><td></td><td>0.025</td><td></td><td>0.020</td><td>9</td><td>0.010</td><td></td><td>0.0162</td></w<>			0.005		0.025		0.020	9	0.010		0.0162
	25,83	OCT	24,83		0.07		0.06		0.005	<t< td=""><td>0.015</td><td></td><td>0.020</td><td>3)</td><td>0.032</td><td></td><td>0.0102</td></t<>	0.015		0.020	3)	0.032		0.0102
NOA	14,83		13,83		****		*****		*****		*****		*****	*	****		*****
	16,83		15,83		*****		*****		*****		*****		*****	*	****		*****
	21,83		20,83		0.07		0.05		0.005	< T	0.010		0.020		0.062		0.0275
NOA	22,83	ИОЛ	21,83		****		*****		*****		*****		*****	*	****		****

STATION NAME : QUETICO CENTRE/DAILY/AEROCHEM #14

REMOVAL DATE	EXPOSURE DATE	SAMPLIN START/EN HR. HR	START/		DEPTH(MM) N	GAUGE TYPE 01-STD. 02-NIPHER	SAMPLE NUMBER	PROJECT CODE 02-APIOS 03-SPECIAL	SUBPROJECT CODE 01-MOE 03-AES	SAMPLER EFFICI- ENCY (%)	FIELD	ENTS OFFICE
NOV 23,83	NOV 22,83	900 90	1600	900 2	3.0	2	33227	2	1	***	K	
NOV 24,83	NOV 23,83	900 90	900 8	300 2	62.2	2	33229	2	1	35	С	NHCM
NOV 25,83	NOV 24,83	900 80	2000 *	* ¥¥ 2	1.0	2	33231	2	1	****	K	
NOV 29,83	NOV 28,83	800 80	1200 ×	¥¥¥ 2	9.8	2	33233	2	1	42		NHCM
NOV 30,83	NOV 29,83	800 90	1400 20	000 2	1.8	2	33234	2	1	****	K	
DEC 2,83	DEC 1,83	900 90	1200 1	530 2	1.2	2	33235	2	1	****	K	
DEC 5,83	DEC 2,83	900 90	1300 1	500 2	0.3	2	33236	2	1	****	E	Y3
DEC 8,83	DEC 5,83	900 90) ****	₹¥¥ 2	0.5	2	33237	2	1	****	K	Y3
DEC 12,83	DEC 11,83	900 90) **** 1	300 2	10.4	2	33238	2	1	50	C	HCM
DEC 14,83	DEC 13,83	900 90	1000 1	500 2	3.2	2	33239	2	1	****	KE	
DEC 21,83	DEC 20,83	900 90) ****	900 2	3.0	2	33240	2	1	****	KE	
DEC 22,83	DEC 21,83	900 90	900 1	100 2	0.8	2	33241	2	1	***	E	

STATION NAME : QUETICO CENTRE/DAILY/AEROCHEM #14

REMOVAL DATE	EXPOSURE DATE	VOLUME	CONDUCT.	PH FIELD	PH LAB	TOTAL H+ TO PH8.3	SULPHATE	NITRATE AS N
		ML	UMHO/CM			MG/L	MG/L	MG/L
NOV 23,83	NOV 22,83	*****	*****	*****	****	*****	*****	*****
NOV 24,83	NOV 23,83	1407.0	3.0	*****	G 5.84	0.0164	<t 0.10<="" td=""><td><t 0.02<="" td=""></t></td></t>	<t 0.02<="" td=""></t>
NOV 25,83	NOV 24,83	*****	*****	*****	*****	*****	****	*****
NOV 29,83	NOV 28,83	270.0	2.3	*****	G 5.82	0.0168	<t 0.10<="" td=""><td><w 0.01<="" td=""></w></td></t>	<w 0.01<="" td=""></w>
NOV 30,83	NOV 29,83	*****	*****	*****	****	*****	****	*****
DEC 2,83	DEC 1,83	****	*****	****	****	****	*****	*****
DEC 5,83	DEC 2,83	****	*****	*****	*****	****	****	****
DEC 8,83	DEC 5,83	****	*****	*****	*****	*****	*****	*****
DEC 12,83	DEC 11,83	339.0	3.0	****	U 6.05	0.0152	<t 0.10<="" td=""><td><t 0.02<="" td=""></t></td></t>	<t 0.02<="" td=""></t>
DEC 14,83	DEC 13,83	*****	****	*****	*****	****	****	*****
DEC 21,83	DEC 20,83	****	*****	*****	*****	*****	****	****
DEC 22,83	DEC 21,83	****	****	*****	****	****	****	*****

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STATION NAME : QUETICO CENTRE/DAILY/AEROCHEM #14

*								
REMOVAL	EXPOSURE	CALCIUM	CHLORIDE	MAGNESIM	POTASSIM	SODIUM	MUINOMMA	FREE H+
DATE	DATE	MG/L	MG/L	MG/L	MG/L	MG/L	AS N MG/L	LAB MG/L
NOV 23,83	NOV 22,83	*****	*****	*****	****	****	****	*****
NOV 24,83	NOV 23,83	<t 0.02<="" td=""><td>0.03</td><td><w 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.002<="" td=""><td>G 0.0014</td></t></td></t></td></t></td></w></td></t>	0.03	<w 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.002<="" td=""><td>G 0.0014</td></t></td></t></td></t></td></w>	<t 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.002<="" td=""><td>G 0.0014</td></t></td></t></td></t>	<t 0.005<="" td=""><td><t 0.002<="" td=""><td>G 0.0014</td></t></td></t>	<t 0.002<="" td=""><td>G 0.0014</td></t>	G 0.0014
NOV 25,83	NOV 24,83	*****	*****	*****	*****	*****	*****	*****
NOV 29,83	NOV 28,83	<t 0.02<="" td=""><td>0.03</td><td><w 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td><w 0.002<="" td=""><td>G 0.0015</td></w></td></t></td></t></td></w></td></t>	0.03	<w 0.005<="" td=""><td><t 0.005<="" td=""><td><t 0.005<="" td=""><td><w 0.002<="" td=""><td>G 0.0015</td></w></td></t></td></t></td></w>	<t 0.005<="" td=""><td><t 0.005<="" td=""><td><w 0.002<="" td=""><td>G 0.0015</td></w></td></t></td></t>	<t 0.005<="" td=""><td><w 0.002<="" td=""><td>G 0.0015</td></w></td></t>	<w 0.002<="" td=""><td>G 0.0015</td></w>	G 0.0015
NOV 30,83	NOV 29,83	*****	*****	*****	*****	*****	****	*****
DEC 2,83	DEC 1,83	*****	****	*****	*****	*****	*****	*****
DEC 5,83	DEC 2,83	*****	*****	*****	*****	*****	*****	****
DEC 8,83	DEC 5,83	*****	*****	*****	*****	*****	*****	*****
DEC 12,83	DEC 11,83	0.03	<t 0.02<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.002<="" td=""><td>U 0.0009</td></w></td></w></td></w></td></w></td></t>	<w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.002<="" td=""><td>U 0.0009</td></w></td></w></td></w></td></w>	<w 0.005<="" td=""><td><w 0.005<="" td=""><td><w 0.002<="" td=""><td>U 0.0009</td></w></td></w></td></w>	<w 0.005<="" td=""><td><w 0.002<="" td=""><td>U 0.0009</td></w></td></w>	<w 0.002<="" td=""><td>U 0.0009</td></w>	U 0.0009
DEC 14,83	DEC 13,83	****	****	*****	*****	*****	*****	*****
DEC 21,83	DEC 20,83	*****	****	*****	****	****	*****	*****
DEC 22,83	DEC 21,83	*****	*****	*****	*****	*****	*****	*****

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